

FOR THE CASE OF
Board of Boiler Rules

TRANSCRIPT OF
None

March 16, 2016

Stone & George

COURT REPORTING

2020 Fieldstone Pkwy

Suite 900 - PMB 234

Franklin, TN 37069

(615) 268-1244

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1. STATE OF TENNESSEE
 DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT
 2. BOILER UNIT DIVISION
 3.
 4.
 5.
 6.

7.
 8. TRANSCRIPT OF PROCEEDINGS
 9. OF
 10. BOARD OF BOILER RULES
 11. March 16, 2016
 12. BEFORE: Brian Morelock, Chairman
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 18.
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 21.
 22.

23. -----
 DOMINIQUE A. DUBOIS, LCR# 686
 STONE & GEORGE COURT REPORTING
 24. 2020 Fieldstone Parkway
 Suite 900 - PMB 234
 25. Franklin, Tennessee 37069
 (615) 221-1089

1. APPEARANCES
 2.
 3. Brian Morelock, Chairman
 4. Eugene Robinson, Insurance Representative
 5. David Baughman, Owner/User Representative
 6. Dr. Glen E. Johnson, Ph.D., P.E., Mechanical
 Engineer Representative
 7.
 8. Sam Chapman, Assistant Chief Boiler Inspector
 9.
 10. Kim Y. Jefferson, Esq., Administrator
 11. Mark Finks, Assistant Administrator - WRC
 12.
 13. Dan Bailey, Esq., Legal Counsel
 14.
 15. Carlene T. Bennett, Board Secretary
 16. Deborah Rhone, State of Tennessee
 17.
 18. Dr. S. Keith Hargrove, Tennessee State University
 19.
 20. Richard Eng, Wacker Mechanical Integrity
 21.
 22. James Neville, Neville Engineering
 23.
 24. Jann Dower, Tennessee Department of Labor &
 Workforce Development
 25. Greg Foreman, Saint Thomas Midtown and West
 Hospitals
 Tony Whittemore, Shared Hospital Services
 Scott Sanders, CHI Memorial Chattanooga
 Robert Buckley, Compass Commissioning and Design
 Anthony Spallone, CHI Memorial Chattanooga
 James Wyatt, Compass Commissioning
 Phil Arthur, TriStar Skyline Medical Center

1. The above-styled cause came on for
 2. hearing on this the 16th day of March, 2016, before
 3. the Board of Boiler Rules of Tennessee Department
 4. of Labor and Workforce Development, at 220 French
 5. Landing Drive, TOSHA Hearing Room, 1st Floor,
 6. Nashville, Tennessee, when and where the following
 7. proceedings were had, to wit:
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1. Wesley Harper, TriStar Skyline Madison Campus
 2. Lanny Peters, Johnson City Medical Center
 3. David Flowers, Combustion and Control Solutions
 4. Allen Tripp, Combustion and Control Solutions
 5. Greg Kelley, Boiler Supply Company
 6. Chris Cannon, Communications Office, Department of
 Labor and Workforce Development
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1. AGENDA
2. I. Call Meeting to Order
3. II. Introductions and Announcements
4. III. Annual Conflict of Interest Policy, Acknowledgement and Disclosure
- 5.
6. IV. Adoption of the Agenda
7. V. Chief Boiler Inspector's Report
8. VI. Old Business
9. * 15-20
10. VII. New Business
11. * 16-01
12. * 16-02
13. * 16-03
14. * 16-04
15. * 16-05
16. * 16-06
17. VIII. Open Discussion Items
18. * Fall Conferency Update - Venue
19. * New Process for Variances and Reviews (Administrative/Inspection)
20. IX. Rule Cases and Interpretations
21. * None
22. X. The next Board of Boiler Rules Meeting is scheduled for 9:00 a.m. (CT), Wednesday, June 15, 2016, at the Department of Labor & Workforce Development Office Building located at 220 French Landing Drive, Nashville, TN.
- 23.
- 24.
25. XI. Adjournment

1. Are there any additions or changes or deletions to
2. the agenda? All right. Hearing none, I'll call the
3. question to accept the agenda. All in favor, say
4. "aye".
5. MR. BAUGHMAN: Aye.
6. DR. JOHNSON: Aye.
7. MR. ROBINSON: Aye.
8. CHAIRMAN MORELOCK: Opposed?
9. Abstentions? Not voting? Very good. We have an
10. agenda. So moving to Item 2 of the agenda is
11. introductions. And so we'll begin with our court
12. reporter to do our introductions.
13. THE REPORTER: Dominique Dubois,
14. Stone & George.
15. MS. BENNETT: Carlene Bennett, Board
16. Secretary.
17. MR. CHAPMAN: Sam Chapman, Chief
18. Inspector.
19. MR. ROBINSON: Eugene Robinson, Board
20. member.
21. CHAIRMAN MORELOCK: Brian Morelock,
22. Board member.
23. MR. BAUGHMAN: Dave Baughman, Board
24. member.
25. DR. JOHNSON: Glen Johnson, Board

1. PROCEEDINGS
2. CHAIRMAN MORELOCK: Good morning,
3. everybody. I think we're all settled, so I want to
4. welcome everyone to the March Tennessee Board of
5. Boiler Rules meeting. And I want to call this
6. meeting to order.
7. There are agendas on the back table.
8. Just -- we'll go through some announcements in a
9. minute, but when you do have an item to present,
10. please come forward to the table, state your name
11. and who you're with, and then present your item.
12. And certainly during the announcements, which
13. we're going to do here in just a minute, please
14. speak loudly so that the court reporter can hear
15. your name and properly record your name. And
16. we'll be sending an attendance sheet around, as
17. well.
18. So all right. So let's begin the
19. meeting with the agenda. You have an agenda
20. before you, and I need a motion to accept the
21. agenda.
22. DR. JOHNSON: So moved.
23. CHAIRMAN MORELOCK: Second?
24. MR. ROBINSON: Second.
25. CHAIRMAN MORELOCK: I got a second.

1. member.
2. MS. JEFFERSON: Kim Jefferson,
3. Administrator.
4. MR. FINKS: Mark Finks, Assistant
5. Administrator.
6. MR. BAILEY: Dan Bailey, Legal
7. Counsel.
8. CHAIRMAN MORELOCK: Dr. Hargrove.
9. DR. HARGROVE: Keith Hargrove.
10. MR. ENG: Richard Eng, Wacker.
11. MR. WHITTEMORE: Tony Whittemore,
12. Shared Hospital Services.
13. MR. SANDERS: Scott Sanders, CHI
14. Memorial Chattanooga.
15. MR. BUCKLEY: Robert Buckley, Compass
16. Commissioning and Design.
17. MR. SPALLONE: Anthony Spallone, CHI
18. Memorial Chattanooga.
19. MR. WYATT: James Wyatt, Compass
20. Commissioning in Chattanooga.
21. MR. ARTHUR: Phil Arthur, Plant
22. Operations Manager at Skyline Medical Center.
23. MR. HARPER: Wesley Harper, Boiler
24. Tech at Skyline Madison Campus.
25. MR. PETERS: Lanny Peters, Johnson

Page 9

1. City Medical Center.
2. MR. FLOWERS: David Flowers,
3. Combustion and Control Solutions.
4. MR. TRIPP: Allen Tripp, Combustion
5. and Control Solutions.
6. MS. RHONE: Deborah Rhone, Boiler
7. Office Supervisor.
8. MR. NEVILLE: James Neville, Neville
9. Engineering.
10. MR. FOREMAN: Greg Foreman, Saint
11. Thomas Midtown and West Hospitals, facility manager.
12. MR. KELLEY: Greg Kelley, Boiler
13. Supply Company.
14. MS. DOWER: Jann Dower, Commissioners
15. Office, Department of Labor and Workforce
16. Development.
17. MR. CANNON: Chris Cannon,
18. Communications Office, Department of Labor and
19. Workforce Development.
20. CHAIRMAN MORELOCK: All right. Thank
21. you all. And again, welcome. Just a safety
22. announcement: In the event there's an emergency or
23. natural disaster, security personnel will escort us
24. to either a safe place inside the building or direct
25. us outside of the building on the Rosa Parks side.

Page 10

1. So that's our safety topic for today.
2. Any other announcements? Okay. I'll
3. make a quick announcement. Dr. Glen Johnson has
4. announced that he will not be seeking
5. reappointment after the June meeting, to the
6. Tennessee Board, and we certainly appreciate his
7. service. And we're not done with him yet, so
8. we'll see him in June. But I did want to announce
9. that.
10. And also, I wanted to announce that
11. Dr. Keith Hargrove, who is here today, has
12. submitted an application to be considered by the
13. Governor's Office for this upcoming vacancy, and
14. Administrator Jefferson has also reached out to
15. MTSU and Vanderbilt, as well. And we're
16. continuing to seek out our universities to see if
17. there's any additional interest. So that's an
18. ongoing process right now, and I wanted to give
19. Dr. Hargrove just a minute to introduce himself so
20. we can put a name with a face.
21. DR. HARGROVE: Great. Good morning
22. everyone. And thank you, Ms. Jefferson, for the
23. invitation and also the chair. My name is
24. Keith Hargrove, and I serve as Dean for the College
25. of Engineering at Tennessee State University. I'm a

Page 11

1. graduate of Tennessee State as a mechanical engineer
2. and did my advanced degrees at the University of
3. Iowa and post-graduate at the University of
4. Michigan. So I'm a Big 10 fanatic. So that may not
5. go well with a bunch of SEC fans but still a big --
6. go big blue.
7. I'm a plant floor guy. I worked for
8. several years as a manufacturing engineer for
9. General Electric. And after spending a number of
10. years doing that, I decided to pursue an academic
11. career in educating higher ed. And so I have
12. proceeded from assistant to associate, used to
13. chair a manufacturing engineering department and
14. now serving as Dean for College of Engineering
15. right here in Nashville at Tennessee State.
16. So I'm excited about the
17. consideration by being a Board Member. My
18. expertise is not dealing with boiler operations.
19. But again, I spent a lot of time on the plant
20. floor, building locomotives or automobiles for
21. General Electric, as well as General Motors. And
22. so I'm very comfortable within that environment
23. and I'm looking to learning more about
24. requirements to serve as a board member as well as
25. the industry, as well.

Page 12

1. CHAIRMAN MORELOCK: All right. Thank
2. you. Okay. Just another -- Item 3 is -- just bear
3. in mind to the Board members, is that as the items
4. are presented today, I will make a point to ask if
5. there is a conflict of interest. If there is such a
6. conflict, that needs to be voiced at that time and
7. noted in the record. And so we will cover those as
8. we go through the agenda.
9. We have adopted the agenda. I'm
10. going to hold off on the chief's report just for a
11. few minutes. I know that's Item 5. So I'm going
12. to continue on into Item 6, which is Old Business,
13. and the only item we have as Old Business is Item
14. 15-20, which is the reorganization of Tennessee
15. Rule 0800-03-03. And the board members have a
16. copy of that.
17. This item has been passed by the
18. Board; it was passed in December. And our
19. discussion today is just to present two copies of
20. the proposal. One is a clean copy showing the
21. reorganization of Rule 0800-03-03. The purpose of
22. that is to make it more user friendly for those in
23. the state of Tennessee that would access Rule
24. 0800-03-03.
25. The current version -- it's a good

Page 13

1. rule. We're not messing with the technical merits
2. of it at all. But for someone new to Tennessee,
3. they could go through and say, well, I'm going to
4. look up pressure vessels, and they would find some
5. requirements for pressure vessels not knowing that
6. some sections over, there was more requirements
7. for pressure vessels. Same for boilers. So we've
8. tried to reorganize it to put all the pressure
9. vessel items in one place, all the boiler in one
10. place, historic boilers in one place, to make it
11. easier for someone to use the rule.
12. And the other thing that we've done
13. is, I think a lot of times when someone new to the
14. rule and certainly new to ASME code or National
15. Board Inspection code, you'll see a lot of
16. definitions in our rule and a lot of requirements
17. in our rule. And we've also went through and
18. added references to the appropriate code section
19. to help the reader understand why those words are
20. there and the purpose for those. So that's what
21. we're -- we've presented, and like I said, the
22. Board has passed it, the Governor's Office has
23. requested a clean copy, which we have provided to
24. the Boiler Unit, as well as a marked-up copy
25. showing the changes to the existing rule; we've

Page 14

1. provided that to the Boiler Unit, as well.
2. The only other item that I wanted to
3. discuss is the Governor's Office came back to us
4. with six questions and we have sent our replies to
5. those six questions. I just wanted to give any of
6. the board members one more opportunity if they
7. wanted to add any more comments to the reply to
8. those six questions. And so I'm opening the floor
9. for that.
10. MR. ROBINSON: Thank you.
11. CHAIRMAN MORELOCK: It's awfully
12. quiet. For the benefit of our visitors, I will
13. briefly go through those. First question is, does
14. the rule make it better to do business in Tennessee?
15. The Board's reply is: Yes. Rule 0800-03-03; safety
16. requirements to owners/users, manufacturers,
17. repairers and erectors, authorized inspection
18. agencies, and the jurisdiction for the design,
19. fabrication, inspection, testing, operation, and
20. repairs and alterations of boilers and pressure
21. vessels in Tennessee as required in Tennessee Code
22. Annotated 68-122-101 through -209. So that was our
23. response.
24. Question two: Does the rule make it
25. easier to create jobs in Tennessee? The Board's

Page 15

1. reply is: Yes. Rule 0800-03-03 provides the
2. necessary direction and details for those who seek
3. to utilize pressure equipment in new or existing
4. businesses in Tennessee to create jobs.
5. Question three: Is it essential and
6. effective? The Board's reply is: Yes. Rule
7. 0800-03-03 has been essential and effective in
8. providing requirements for the safe operation of
9. pressure equipment in Tennessee.
10. Question four: Who does it affect?
11. The Board's reply is: Tennessee -- Rule
12. 0800-03-03 affects the lives of all citizens in
13. Tennessee due to the use of pressure equipment in
14. industry, manufacturing, schools and universities,
15. hospitals, hotels, public utilities, et cetera.
16. Question five: Is the rule a
17. positive move? The Board's reply is: Yes. Rule
18. 0800-03-03 is positive because it supports and
19. promotes public safety in Tennessee.
20. And the last question, question six:
21. Is it outcome-based? For example, does it have a
22. measurable, positive outcome? The Board's reply
23. to that is: Yes. The Tennessee Department of
24. Labor and Workforce Development, Division of
25. Workplace Regulations and Compliance, Boiler Unit

Page 16

1. compiles measures for pressure equipment, and the
2. Chief Boiler Inspector for the State of Tennessee
3. provides a report during the quarterly meeting of
4. the Tennessee Board of Boiler Rules.
5. And so that's our reply to the
6. Governor's questions. Any other comments? Okay.
7. Hearing none -- everybody good? Okay. Hearing
8. none, then those will be submitted to the
9. Governor's Office. Okay. Are you ready for
10. the --
11. MR. CHAPMAN: Yes.
12. CHAIRMAN MORELOCK: Okay. All right.
13. So since we've covered the new -- the Old Business
14. Item, we're going to jump back to Item 5 and let
15. Chief Sam Chapman present the report that we just
16. told the Governor's Office that the State provides.
17. MR. CHAPMAN: Okay. Thank you.
18. Number of inspections done from the last quarter,
19. that was a total of 2,237 for the state inspectors,
20. 5,247 from the insurance agent, giving us a total of
21. 7,484 vessels that we inspected. Total number of
22. delinquents is 7,400 -- excuse me. I'm sorry. 748
23. from the state inspectors, 490 from the insurance
24. inspectors, giving us a total of 1,238. Number of
25. code violations we found was 34. We have 19

Page 17

1. uncorrected at the moment.

2. QC Review performed was six. Boiler

3. variance was two that we done. And that's, like I

4. say, that was coming from October 2015 through

5. December of 2015. At the moment, we have a

6. position open for the Knoxville area and the

7. Davidson area that we were going to be opening up

8. in next month. And that is the Chief Report.

9. CHAIRMAN MORELOCK: Okay. Are there

10. any questions or comments about the Chief's Report?

11. Okay. Hearing none, we're going to move on to

12. Item 7, which is New Business. And again, I'll

13. remind you as we start these new business items when

14. you come forward to present your item, please state

15. your name, your company, speak loudly so that the

16. court reporter can capture all your words, and we'll

17. take these items one at a time.

18. So the first item is 16-01, which is

19. Catholic Health Initiatives Memorial Hospital

20. request a boiler variance.

21. MS. JEFFERSON: Mr. Chairman, I have

22. a question.

23. CHAIRMAN MORELOCK: Oh. I'm sorry.

24. MS. JEFFERSON: I was hoping that you

25. could provide us clarity as to which matters come

Page 18

1. before the Board --

2. CHAIRMAN MORELOCK: Okay.

3. MS. JEFFERSON: -- before we begin --

4. CHAIRMAN MORELOCK: Okay.

5. MS. JEFFERSON: -- if possible.

6. CHAIRMAN MORELOCK: All right. So to

7. answer Ms. Jefferson's question, items that come

8. before the Board -- if you go out to Tennessee Code

9. Annotated 68-122, it lists the duties and the

10. responsibilities of this Board; it's a six-member

11. board. As we have announced Dr. Johnson's position

12. is going to be vacant after June. He represents

13. academia. We still have an open position for

14. someone representing labor. We're seeking that --

15. those three candidates for that, as well.

16. And so the balance of the Board

17. represents labor, insurance, owner/users of

18. boilers, repair organizations, owner/users of

19. unfired pressure vessels. And so we have a

20. balanced reputation of the Board. And all that,

21. again, is out on the website for you to read.

22. What comes before the Board is we are

23. tasked with technical -- we're a technical board.

24. We are to continually be reviewing the Tennessee

25. Code -- Rules 0800-03-03, and we are to promulgate

Page 19

1. the rules, really. That's the simplest way I can

2. put it.

3. MR. ROBINSON: Yes, sir.

4. CHAIRMAN MORELOCK: We make sure that

5. we're walking the talk, so to speak. We're -- what

6. we have on printed paper is what the Boiler Unit's

7. enforcing when they go out and do your inspections.

8. Certainly, when someone comes to Tennessee new, it

9. gives them the footprint of what their pressure

10. equipment should look like and who it -- how it

11. should be fabricated, inspected, tested, installed,

12. and operated.

13. It lists the requirements for safe

14. operation in the state of Tennessee. They have to

15. have a valid certificate of inspection, which is

16. basically your operating certificate. There are

17. ramifications for breaking the rules. There --

18. each time that you operate a pressure vessel above

19. its nameplate, it's an offense, and it comes with

20. penal -- you know, it's a -- I think it's a Class

21. A misdemeanor. Each day is a separate offense.

22. Each day is a 50 -- up to a \$50 fine per day. And

23. to put that in perspective, you're thinking, well,

24. you know, that's not too bad. Well, we had some

25. folks come to us several years ago that had not

Page 20

1. registered their vessel in three years, roughly

2. 1,000 days. So you're talking 1,000 separate

3. offenses and a \$50,000 fine. And so it adds up

4. quickly. So --

5. But that in a nutshell is our

6. basic -- that's why we're here. And it's been

7. interesting to have some folks come to us and

8. present us with a request for a variance for the

9. Boiler Tenant Rule. We're pretty thorough when we

10. go through your manuals, as those of you who have

11. been here before know. We're not just rubber

12. stamping them; we are going to give you your

13. money's worth. We're going to look through it

14. from a technical standpoint, from a safety

15. standpoint.

16. The Board members represent various

17. levels of expertise in the boiler and pressure

18. vessel industry. We sit on ASME National Board

19. codes as well as other boiler codes like CSD-1,

20. Section 1, and as well as in the

21. post-construction. We have expertise here in the

22. areas of not only building them, repairing them,

23. inspecting them, but training people on how to

24. operate them.

25. So I'm very proud of our board, and

1. the Board's been around -- Dr. Hargrove and I were
2. talking about this just this morning that this
3. board was formed in 1949. And at that time, it
4. was born out of the need for boiler law.

5. Tennessee had its first boiler law in
6. 1949. Then throughout the years, they saw the
7. need for unfired on pressure vessels. Legislation
8. was passed in 1965 to add the sixth member, which
9. I represent. I represent owner/users of unfired
10. pressure vessels in the state of Tennessee. So
11. that sixth person was added for unfired pressure
12. vessels.

13. The State of Tennessee in July 1 of
14. 1955 approved pressure vessel law. And so that's
15. how long we've had boiler and pressure vessel law
16. in the state of Tennessee. So are there any other
17. questions or --

18. MS. JEFFERSON: Thank you,
19. Mr. Chairman.

20. CHAIRMAN MORELOCK: You're welcome.
21. Okay. All right. Anything else? Okay. Okay.
22. Back to Item 16-01. Do we have some representatives
23. here from Catholic Health Initiatives Memorial
24. Hospital?

25. MR. BUCKLEY: We do.

1. CHAIRMAN MORELOCK: Okay. If you
2. gentlemen will come forward, introduce yourselves,
3. and present your variance request.

4. MR. SANDERS: Scott Sanders, Memorial
5. Hospital, Plant Supervisor

6. CHAIRMAN MORELOCK: Okay.

7. MR. BUCKLEY: Robert Buckley, Compass
8. Commissioning and Design, Design Engineer.

9. CHAIRMAN MORELOCK: Okay. And before
10. you guys present your manual, are there any
11. conflicts of interest before Carlene has to say you
12. need to ask that question? All right. Hearing
13. none, gentlemen, you proceed.

14. MR. BUCKLEY: We have applied for a
15. variance for three 500-horsepower fire-tube boilers
16. in the boiler room at Memorial Hospital Glenwood
17. Campus.

18. CHAIRMAN MORELOCK: Okay. Why don't
19. you give us an overview of what your variance will
20. include and how it's going to operate and --

21. MR. SANDERS: Currently, we have
22. three 500-horse boilers.

23. CHAIRMAN MORELOCK: Uh-huh.

24. MR. SANDERS: We currently take the
25. readings every 20 minutes.

1. CHAIRMAN MORELOCK: Right.

2. MR. SANDERS: So we'll be looking at
3. us reducing that time with taking the readings to
4. take advantage more of the individuals that we have
5. working for us.

6. CHAIRMAN MORELOCK: Uh-huh.

7. MR. SANDERS: So we was -- we were
8. told that we had to apply for a variance, obviously
9. have the manual set up for that variance. So we're
10. looking at going to taking the readings -- I think
11. the log I put in here, we're taking reading every
12. two hours instead of every 20 minutes.

13. CHAIRMAN MORELOCK: Okay.

14. MR. SANDERS: So we've had some new
15. controls installed that all the controls on the
16. boilers are -- they are all the same controls.
17. We've had some emergency shutoffs at the exits of
18. the doors installed, had the remote monitoring put
19. in our EMS office so it's 24 hours monitoring, done
20. some education with that on what they're to do when
21. they get an alarm and phone numbers and whatnot to
22. call when that happens.

23. CHAIRMAN MORELOCK: Okay. All right.
24. So I'm going to ask for a motion for this variance,
25. and then we'll have discussion.

1. DR. JOHNSON: Did you vote?

2. MR. ROBINSON: I did.

3. CHAIRMAN MORELOCK: I didn't hear
4. you.

5. DR. JOHNSON: Then second.

6. CHAIRMAN MORELOCK: Okay. All right.
7. So we have a motion and a second. So now I'm going
8. to open the floor for discussion. So what questions
9. does the Board have about this variance manual?

10. MR. ROBINSON: I'll start,
11. Mr. Chairman.

12. CHAIRMAN MORELOCK: Okay.

13. MR. ROBINSON: Scott, Robert, thank
14. you for your attendance and your request for your
15. variance. I looked over your manual and really, it
16. looked pretty good. There were some things that I
17. found that I'm going to ask that maybe you make some
18. changes to.

19. MR. BUCKLEY: Sure.

20. MR. ROBINSON: First of all,
21. Mr. Chairman, going forward, kind of regressing a
22. little bit, with the revision to our divisional
23. rules and the renumbering --

24. CHAIRMAN MORELOCK: Uh-huh.

25. MR. ROBINSON: -- of each section,

1. somehow, we're going to have to address the cover
 2. page --
 3. CHAIRMAN MORELOCK: Absolutely.
 4. MR. ROBINSON: -- not to include.
 5. CHAIRMAN MORELOCK: Right. Well, as
 6. of today, your manual is correct. It references the
 7. correct rule.
 8. MR. ROBINSON: Right.
 9. MR. BUCKLEY: Okay.
 10. CHAIRMAN MORELOCK: And so what will
 11. happen is -- Mr. Robinson is correct in that fact
 12. that with the reorganization of Rule 0800-03-03,
 13. Rule 22's not going to be Rule 22 anymore. Okay?
 14. So the way we will address that as a Board is when
 15. these manuals come through -- because this
 16. reorganization's not been approved by the Governor's
 17. Office. It's not been published. So when it
 18. becomes officially published, whatever date that is,
 19. then any new manuals coming forward will need to
 20. reference the correct rule, and any renewals coming
 21. forward after that will have to be updated to show
 22. the corrected rule. So that's an excellent comment.
 23. MR. ROBINSON: Or we could just
 24. remove the comment to 22b and make it comprehensive
 25. to the divisional rules by saying 0800-03-03.

1. CHAIRMAN MORELOCK: Yes, that's
 2. correct. But we've had some comments in the past
 3. that we want to make sure that the entity that's
 4. applying for the variance really understands what
 5. the rule is and they've read it.
 6. MR. ROBINSON: Okay.
 7. CHAIRMAN MORELOCK: And by having to
 8. look it up and put it in the request letter
 9. satisfies that. So --
 10. MR. ROBINSON: Okay.
 11. CHAIRMAN MORELOCK: So there's an
 12. argument for that both ways.
 13. MR. ROBINSON: And a modification to
 14. the variance guide, as well.
 15. CHAIRMAN MORELOCK: Uh-huh.
 16. MR. ROBINSON: Okay. Again, thank
 17. you again. Comments for your Appendix B where had
 18. your equipment listing.
 19. MR. BUCKLEY: Uh-huh.
 20. MR. ROBINSON: Could you please
 21. include the national board numbers for each vessel?
 22. MR. BUCKLEY: Sure.
 23. CHAIRMAN MORELOCK: Uh-huh.
 24. MR. BUCKLEY: Okay.
 25. MR. ROBINSON: I had a comment on

1. page four. You had made a statement that pressures,
 2. I think, are monitored. Let's see. How did you
 3. word it? Let's see. Steam demands were
 4. unexpectedly decreased before -- below the capacity
 5. of a boiler to turn-down. The boiler pressure would
 6. rise to 90 until -- okay.
 7. Feedback. Let's see. Boilers in
 8. "standby" had a controlled pressure set to 70 PSI
 9. during the warmer seasons, and 80 -- so they'll
 10. auto-start. If there is an unexpected increase in
 11. steam demands, then what would happen is that the
 12. boiler would come on.
 13. My question to you was that the
 14. boiler is equipped with a manual reset
 15. high-pressure switch that would also shut the
 16. boiler off, correct?
 17. MR. SANDERS: Yes. The boilers have
 18. high-limit shutoffs, yes.
 19. MR. ROBINSON: Manual reset
 20. high-limits.
 21. MR. WYATT: That is correct.
 22. MR. SANDERS: Yeah.
 23. MR. WYATT: All three boilers have
 24. manual high-pressure reset switches. So --
 25. MR. ROBINSON: Okay. Okay.

1. MR. BAILEY: Oh.
 2. MR. WYATT: James Wyatt, Compass
 3. Commissioning and Design.
 4. MR. ROBINSON: Thank you. Thank you.
 5. Page six. You made a statement about the 20-minutes
 6. rule. But I didn't find it in the log. So you're
 7. using a two-hour log to record --
 8. MR. BUCKLEY: We're currently
 9. operating under a 20-minute log.
 10. MR. SANDERS: Currently, we are.
 11. MR. BUCKLEY: But for this manual, we
 12. used the log we would be using under the variance.
 13. MR. ROBINSON: You see where I kind
 14. of got confused with that 20-minute statement?
 15. MR. SANDERS: Yeah, you --
 16. MR. BUCKLEY: Yes, sir.
 17. MR. SANDERS: Are you saying that we
 18. should have put one of our 20-minute logs in this
 19. manual to show what we were currently doing?
 20. CHAIRMAN MORELOCK: Not really.
 21. MR. ROBINSON: Right. Not really,
 22. but at least remove the statement to 20 minutes,
 23. because what you suggest is that there's a log in
 24. there that says also 20 minutes.
 25. MR. SANDERS: I got you.

1. CHAIRMAN MORELOCK: Yeah.
 2. MR. SANDERS: Okay.
 3. CHAIRMAN MORELOCK: Yeah. Yeah.
 4. Having the example for what you plan to do is what
 5. we needed to see.
 6. MR. SANDERS: Okay.
 7. CHAIRMAN MORELOCK: Yes.
 8. MR. ROBINSON: Which goes hand in
 9. hand with page 39 where you have a sample completed
 10. boiler operational log but it's also called the
 11. boiler daily log; is that true?
 12. MR. SANDERS: It is our daily log.
 13. MR. ROBINSON: It would be -- if you
 14. use one term and kept it throughout --
 15. MR. SANDERS: Yes, sir.
 16. MR. ROBINSON: It would avoid
 17. confusion again.
 18. MR. SANDERS: Okay.
 19. MR. ROBINSON: One of our other
 20. members, who's not here, Dr. Canonico, he's a
 21. stickler on definition of normal duties.
 22. CHAIRMAN MORELOCK: Uh-huh.
 23. MR. ROBINSON: Page nine, you make no
 24. reference to boiler checks or maintenance for normal
 25. duties for the boiler operation.

1. CHAIRMAN MORELOCK: Uh-huh. That's
 2. true.
 3. MR. ROBINSON: And what I'm asking
 4. for is that you have a specific job; say what you do
 5. and do what you say.
 6. MR. SANDERS: Yes, sir.
 7. CHAIRMAN MORELOCK: Well, what you're
 8. getting at is that once this variance is approved
 9. and implemented, this will be one of their normal
 10. duties, correct?
 11. MR. BUCKLEY: Yes.
 12. CHAIRMAN MORELOCK: So it just needs
 13. to be listed under the essential functions or
 14. however you want to word that in your manual so
 15. we'll know that that has become one of the daily,
 16. essential duties for the boiler operator.
 17. MR. ROBINSON: Page 14, you made a
 18. statement "end of training period" but then you
 19. cleaned it up later in the text. So the person
 20. is -- would be trained at the end of their training
 21. period, which, I don't know, whenever. But later
 22. down in the text, you cleaned it up. When you -- in
 23. other words, what I'm hoping is that you could say
 24. is that, once the person that has been trained signs
 25. off on the log, he has given a good example that

1. he's competent to operate the boiler or to do the
 2. task. And that was on page 14.
 3. MR. SANDERS: Fourteen.
 4. MR. ROBINSON: And you -- and that's
 5. almost at the first paragraph. EMS
 6. telecommunications -- communicator are required to
 7. have training of the remote monitoring system by the
 8. end of their new hire training period.
 9. So you're giving them -- you're
 10. giving them 90 days to be competent to operate,
 11. but at the same time, something has -- you have
 12. to -- someone has to watch them during that period
 13. of time. Because you're saying at the end of
 14. their period, so there's an excusable if they have
 15. a mistake or --
 16. MR. SANDERS: Well, the EMS
 17. operators, there's two individuals in that space at
 18. the same time. So if there's two in there,
 19. there's -- preferably, there is one that's already
 20. been trained. I mean, we wouldn't put someone in
 21. there that hadn't gone through the complete
 22. training. So the EMS dispatch area, there's two
 23. people that -- this isn't the boiler operators.
 24. MR. ROBINSON: To what's the period
 25. of -- in the new hire training?

1. MR. SANDERS: That's -- honestly,
 2. that's something I'm going to have to find out from
 3. the EMS director.
 4. MR. ROBINSON: You could understand
 5. why I want it cleaned up, then.
 6. MR. SANDERS: I do.
 7. MR. ROBINSON: It could be --
 8. MR. SANDERS: Yes.
 9. MR. ROBINSON: -- 90 days.
 10. MR. SANDERS: I do.
 11. MR. ROBINSON: It could be a year.
 12. CHAIRMAN MORELOCK: Well, and then
 13. there's a statement at the end of the third
 14. paragraph, it says, training is given at the new
 15. hire department orientation. So you would assume
 16. that to be at the beginning --
 17. MR. ROBINSON: Right.
 18. CHAIRMAN MORELOCK: -- as well as
 19. annually.
 20. MR. ROBINSON: Thank you.
 21. CHAIRMAN MORELOCK: Okay.
 22. MR. ROBINSON: So that's what I
 23. meant.
 24. CHAIRMAN MORELOCK: Yeah.
 25. MR. ROBINSON: You cleaned it up at

Page 33

1. the end. But --

2. CHAIRMAN MORELOCK: Yeah.

3. MR. ROBINSON: -- you have that up

4. top.

5. CHAIRMAN MORELOCK: Yeah.

6. MR. ROBINSON: And that --

7. CHAIRMAN MORELOCK: Yes.

8. MR. ROBINSON: I wasn't really sure

9. what you were doing.

10. MR. SANDERS: Understood

11. MR. BUCKLEY: All right.

12. CHAIRMAN MORELOCK: Yeah.

13. MR. ROBINSON: Page 16. And I

14. apologize for jumping around.

15. MR. SANDERS: No, sir.

16. MR. ROBINSON: This is just a

17. question. You made me feel like one button would

18. shut the alarm off and another button would make

19. the -- shut the boiler off. Is there one button

20. that does both?

21. MR. BUCKLEY: There are two buttons

22. on the panel. There's a warning button for warning,

23. correct?

24. MR. SANDERS: Yes.

25. MR. BUCKLEY: And a second E stop for

Page 34

1. the alarm which also shuts down the boiler.

2. MR. ROBINSON: So the E stop quiets

3. the alarm and shuts the boiler --

4. MR. BUCKLEY: Yes, sir.

5. MR. ROBINSON: -- down as well.

6. Okay.

7. MR. WYATT: That is correct. The

8. only -- James Wyatt, again. The only way to shut

9. the boiler down with E stop -- the only way to

10. silence the alarm is by pressing the E stop.

11. MR. ROBINSON: Very well. Sixteen

12. should also -- if you could, make it a strange color

13. page so if someone had to thumb through it real

14. quick to pick up that page, it would stand out.

15. CHAIRMAN MORELOCK: Yeah.

16. MR. SANDERS: And that's the page

17. that we got posted next to the alarm? Okay.

18. MR. BUCKLEY: Yes.

19. MR. SANDERS: This page itself --

20. MR. BUCKLEY: But --

21. MR. SANDERS: Go ahead.

22. MR. ROBINSON: It's placard. Is that

23. the one?

24. MR. SANDERS: Yes.

25. MR. ROBINSON: It's placard on the --

Page 35

1. MR. SANDERS: Yes.

2. MR. ROBINSON: It's placard on the

3. machine.

4. CHAIRMAN MORELOCK: Yeah.

5. MR. BUCKLEY: Right next to the panel

6. on the wall.

7. MR. ROBINSON: Okay. Right next to

8. the panel.

9. MR. SANDERS: Yes.

10. MR. ROBINSON: Okay.

11. CHAIRMAN MORELOCK: Well, and even in

12. your manual, it would be good to have it tabbed or a

13. different colored page so if somebody's auditing

14. your manual, they'll immediately know where that

15. emergency procedure is.

16. MR. BUCKLEY: Were your copies

17. tabbed?

18. MR. ROBINSON: Yes.

19. MR. BUCKLEY: Okay.

20. MR. BAUGHMAN: Can I jump in real

21. quick here?

22. MR. ROBINSON: Yes. Yes, sir.

23. MR. BAUGHMAN: Okay.

24. MR. ROBINSON: Please.

25. MR. BAUGHMAN: You'd mentioned the

Page 36

1. two buttons on the panel?

2. MR. BUCKLEY: Yes.

3. MR. BAUGHMAN: Okay. One of them

4. shuts the alarm -- silences the alarm and shuts the

5. boiler off, but what does the other panel do? I

6. mean, what does the other button do?

7. MR. BUCKLEY: Before a low or high

8. alarm state is reached, there's a low or high alarm

9. level warning, and that is kind of -- the panel will

10. give a warning as it's -- before you get to an alarm

11. state, and the remote operator, if they get that

12. warning, they can silence it and contact the boiler

13. room to let the boiler room know that they're

14. getting a warning but not an alarm.

15. MR. BAUGHMAN: Okay.

16. MR. ROBINSON: On 15, for remote

17. monitoring personnel, add a statement to monitor

18. boiler alarms.

19. CHAIRMAN MORELOCK: Yeah. I had

20. that.

21. MR. SANDERS: Add the statement in

22. the job summary?

23. CHAIRMAN MORELOCK: Yes, sir.

24. MR. ROBINSON: Yes, sir.

25. CHAIRMAN MORELOCK: Yes.

1. MR. SANDERS: Okay.

2. CHAIRMAN MORELOCK: List that as one

3. of their duties.

4. MR. SANDERS: Okay.

5. MR. ROBINSON: Go ahead Dave.

6. MR. BAUGHMAN: Which low water cutoff

7. puts the boiler into alarm? There's two low water

8. cutoffs on each boiler. Which one puts it into an

9. alarm?

10. MR. SANDERS: Which level?

11. MR. BAUGHMAN: Which low water

12. cutoff? There's two low water cutoffs.

13. MR. SANDERS: The low water control

14. on the side of the boiler are what we're calling it

15. the McDonnell Miller; is that what you're referring

16. to?

17. MR. BAUGHMAN: Well, there's two. It

18. could be a McDonnell Miller, it could be a Warrick,

19. a Magnetrol, a lot of different --

20. MR. SANDERS: The McDonnell Miller,

21. on that control, it does them both from what I

22. understand. Mechanically, it's got two sets of

23. switches in there, one for the warning and then one

24. for the shutoff.

25. MR. BAUGHMAN: Interesting. Okay.

1. One of those low water cutoffs is manual reset.

2. What I was interested in is which one alarms over?

3. In other words, does the primary low water cutoff,

4. which is an automatic reset, does it go over into an

5. alarm or is it the secondary low water cutoff, which

6. is a manual reset, does it go over and do an alarm?

7. MR. SANDERS: That's something -- I

8. mean, as far as controls, I -- the manual -- the

9. reset is on our -- on the new control system, the

10. Fireye control system. So -- and they both get

11. their signal from the low water control. So I don't

12. know how to answer that question for you.

13. MR. BAUGHMAN: Okay. What I was

14. wondering or I guess what I was getting at was if

15. it's an automatic reset, it could give an alarm to

16. the panel in the EMS system and then go right away

17. if there's a water bounce or what have you, could

18. alarm, can they go right back out? So what I was

19. wanting to do was, I didn't know what the

20. annunciation was, if there's something that comes

21. up, or how the system was even tied in.

22. MR. BUCKLEY: The Fireye control

23. system is set up to -- when an alarm state is sent

24. to the EM -- to the remote panel, it will also turn

25. off the boiler. So by the time the EMS hits the E

1. stop button, the boiler should have already stopped

2. itself.

3. MR. BAUGHMAN: Okay.

4. MR. BUCKLEY: Does that answer --

5. MR. BAUGHMAN: Yeah. Pretty much.

6. I'd be interested to see field application of how it

7. actually works, but yeah. That's sufficient. Thank

8. you.

9. CHAIRMAN MORELOCK: You got any more

10. comments?

11. MR. ROBINSON: No, sir.

12. CHAIRMAN MORELOCK: You got any more

13. comments, Dave?

14. MR. BAUGHMAN: The only other thing

15. is on page 14, the one, two, third paragraph where

16. it says, the EMS director received training from

17. International Boiler & Mechanical.

18. MR. SANDERS: Uh-huh.

19. MR. BAUGHMAN: I don't believe that

20. company's named "International," It should be

21. Industrial --

22. MR. SANDERS: Industrial Boiler.

23. MR. BAUGHMAN: -- Boiler &

24. Mechanical.

25. CHAIRMAN MORELOCK: Okay.

1. MR. ROBINSON: Good catch.

2. MR. BAUGHMAN: I did notice also just

3. under the description of the equipment as far as the

4. boilers, I take it we're operating a DA system --

5. MR. SANDERS: Yes.

6. MR. BAUGHMAN: -- with these also?

7. It's not a requirement, but I like to see the

8. information for the DA. The DA is such an important

9. part; we've talked about it many times during the

10. meetings. It has a potential for death, injury, or

11. destruction, also. But just food for thought of

12. making it an integral part of checks, which they

13. already may be doing, but just making it a part of

14. the checks when they go in to check the boiler every

15. four hours, that they do checks with the DA. It's

16. not mandated for the variance, but it's just a good

17. standard protocol.

18. MR. SANDERS: The DA tank is part of

19. their checks.

20. MR. BAUGHMAN: Super.

21. MR. SANDERS: The level, the

22. pressure, and the temperature of the tanks.

23. MR. BAUGHMAN: Excellent.

24. CHAIRMAN MORELOCK: Okay.

25. MR. BAUGHMAN: Thank you.

Page 41

1. MR. SANDERS: You're welcome.
2. CHAIRMAN MORELOCK: Any other
3. comments? Okay. I've got just a few. On page
4. seven, just to add clarity to your manual is you
5. need to add a statement that the boiler operator
6. would have to attend the boiler every 20 minutes if
7. an alarm is not cleared or the remote monitor is not
8. present. You just need to write that into your
9. variance so that if something happens that you can't
10. clear an alarm or there's a problem or the remote
11. monitor has to leave their post for whatever reason,
12. that the boiler would go back to the 20-minute rule.
13. And then just a general -- this
14. applies to everybody that comes, because we --
15. I -- we write manuals, too, and I understand how
16. it happens, but just for clarity, when you write
17. your manuals, we know who your personnel are.
18. Make sure that the terms you use are consistent
19. throughout the manual and the organizational
20. chart. Because sometimes they'll be acronyms or
21. slight name changes, and so we don't know that.
22. So just make sure that whatever their titles are
23. is consistent through the manual.
24. On page 17, your emergency -- or your
25. alarm procedure states that the boiler operators

Page 42

1. will be on site if after normal business hours to
2. correct boiler issues within 30 minutes of
3. notification. Just remember, if you have a
4. situation to correct a boiler issue that you have
5. to operate off the 20-minute rule. So 30 minutes
6. might be too long if they're going to attend the
7. boiler. So just bear that in mind.
8. MR. ROBINSON: But technically, the
9. boiler should be shut down.
10. CHAIRMAN MORELOCK: It should be,
11. yes.
12. MR. SANDERS: Yes. Yes. So, I mean,
13. but the boiler operator -- I mean, he's still going
14. to be on site --
15. CHAIRMAN MORELOCK: Okay.
16. MR. SANDERS: -- on campus.
17. CHAIRMAN MORELOCK: Okay.
18. MR. SANDERS: I mean, it's not like
19. we're not going to have anybody there.
20. CHAIRMAN MORELOCK: Okay.
21. MR. SANDERS: We'll -- still be
22. somebody there. Out intention is to try to be able
23. to use that manpower --
24. CHAIRMAN MORELOCK: Okay.
25. MR. ROBINSON: Better.

Page 43

1. MR. SANDERS: -- better. Yes.
2. CHAIRMAN MORELOCK: Okay. It's
3. just -- the 30 minutes was kind of throwing me a
4. little bit.
5. On page 10, it kind of goes back to
6. Mr. Robinson's comment. The Boiler Operator
7. Training Log, it doesn't provide any details of
8. how this training is provided for new hires or
9. annual. It is discussed about the remote
10. monitors, but the boiler operators, we don't -- I
11. mean, we see the training log but we don't know
12. how the training is administered and is it annual
13. and all that. So you might just want to put some
14. statements in there --
15. MR. SANDERS: Okay.
16. CHAIRMAN MORELOCK: -- to describe
17. that. And that's all the comments I have.
18. MR. BAUGHMAN: Okay. One more.
19. CHAIRMAN MORELOCK: Uh-huh.
20. MR. BAUGHMAN: You had mentioned that
21. there's always an engineering tech or a boiler
22. operator on site, 24 hours?
23. MR. SANDERS: Yes, sir.
24. MR. BAUGHMAN: Okay. I guess I
25. didn't quite understand the statement, boiler

Page 44

1. operators will be on site if after normal business
2. hours to correct boiler issues --
3. MR. SANDERS: What page was that
4. again?
5. MR. BAUGHMAN: Page 17. I'm sorry.
6. MR. SANDERS: Okay. I mean, he's
7. also on site. So, I mean, how would you have us
8. word that? What would be a better wording for that?
9. MR. BAUGHMAN: I don't know. The --
10. it just confused me a little, if after normal
11. business hours. If he's on site or if there's a
12. boiler operator --
13. MR. SPALLONE: Basically, a hospital
14. is always normal business hours. So --
15. MR. SANDERS: Yeah. So how --
16. MR. SPALLONE: But how --
17. MR. SANDERS: So -- do you think we
18. reword it?
19. MR. SANDERS: So should we --
20. MR. BAUGHMAN: Right.
21. MR. SANDERS: -- just remove that or
22. how should we word that?
23. CHAIRMAN MORELOCK: Well, it sounds
24. like what you guys are saying that -- just take the
25. parenthetical "if after normal business hours" out.

1. MR. SPALLONE: Yeah. If -- out
 2. there. I mean --
 3. MR. SANDERS: Yeah. So --
 4. CHAIRMAN MORELOCK: Just say, boiler
 5. operators will be on site to correct boiler issues.
 6. MR. SANDERS: Cool.
 7. MR. SPALLONE: Unless we report to
 8. the boiler plan --
 9. MR. BAUGHMAN: Okay.
 10. MR. SPALLONE: -- within that
 11. timeframe.
 12. MR. BAUGHMAN: Uh-huh. Now, is
 13. boiler operators and engineering tech the same
 14. thing?
 15. MR. SANDERS: His -- their job
 16. description is -- I mean, it's a boiler operator.
 17. So I don't know --
 18. MR. BAUGHMAN: Well, that's why I was
 19. wondering.
 20. MR. SANDERS: Yeah.
 21. MR. BAUGHMAN: I mean, with boiler
 22. operators and then after that, boiler issues are
 23. corrected, engineering tech. So I just -- trying to
 24. give some congruency to --
 25. MR. SPALLONE: It just needs to be

1. consistent with title.
 2. MR. SANDERS: Yeah.
 3. CHAIRMAN MORELOCK: Yeah.
 4. MR. BAUGHMAN: Yes.
 5. CHAIRMAN MORELOCK: Yeah. Let's see.
 6. I saw -- the organizational chart shows that pretty
 7. clear on page five. But again, it does -- I mean,
 8. you guys know who all these people are and what
 9. their titles are, but we don't. So it just -- if
 10. your name was consistent, it just eliminates
 11. confusion is what it does. Anything else?
 12. Okay. So we do have a motion and
 13. just so you gentlemen know, all the approvals that
 14. the Board provides on boiler attendant variances
 15. are always contingent. And what we mean by that
 16. is it's contingent on the fact that we've
 17. technically reviewed the manual, but the approval
 18. is not final until the Boiler Unit makes a site
 19. visit to go through the manual and actually see
 20. how it's operating to make sure that the manual
 21. and the -- and what you're actually doing in the
 22. field match.
 23. MR. SANDERS: Sure.
 24. CHAIRMAN MORELOCK: And once that's
 25. completed, then you'll have an approved variance.

1. Okay? All right. Any other questions or comments?
 2. All right. We've got a motion and a second. I'm
 3. going to call the question. All in favor, say
 4. "aye".
 5. DR. JOHNSON: Aye.
 6. MR. BAUGHMAN: Aye.
 7. MR. ROBINSON: Aye.
 8. CHAIRMAN MORELOCK: Opposed?
 9. Abstentions? Not voting? You have contingently
 10. approved boiler variance.
 11. MR. SANDERS: Thank you, sir.
 12. MR. BUCKLEY: Thank you.
 13. CHAIRMAN MORELOCK: You're welcome to
 14. stay. And if you have more pressing matters, you
 15. are welcome to excuse yourself. We'll leave that up
 16. to you.
 17. MR. BAUGHMAN: Mr. Chairman.
 18. CHAIRMAN MORELOCK: Yes.
 19. MR. BAUGHMAN: Who will be doing the
 20. variance inspection?
 21. CHAIRMAN MORELOCK: The Boiler Unit
 22. will do it. I don't know who. That will be up to
 23. Boiler Chief Chapman.
 24. MR. SPALLONE: I had a question.
 25. CHAIRMAN MORELOCK: Yes.

1. MR. SPALLONE: Anthony Spallone from
 2. CHI Memorial. Should we resubmit the manual back to
 3. the Board at this point or update it and let the --
 4. CHAIRMAN MORELOCK: Well, see --
 5. MR. SPALLONE: -- site inspector --
 6. CHAIRMAN MORELOCK: -- all of our
 7. comments and recommendations are going to be
 8. captured in the minutes. And so that'll serve as
 9. our record of our proposed recommendations.
 10. MR. SPALLONE: Okay.
 11. CHAIRMAN MORELOCK: And then that
 12. coupled with our field inspection -- now, yes.
 13. You -- you know, moving forward, you need to have
 14. the manual ready for the Boiler Unit --
 15. MR. SPALLONE: Right.
 16. CHAIRMAN MORELOCK: -- to make --
 17. have a clean copy to make sure that --
 18. MR. SPALLONE: Okay.
 19. CHAIRMAN MORELOCK: -- that includes
 20. all the -- what we've discussed here today. Yes.
 21. MR. SPALLONE: Follow-up question.
 22. CHAIRMAN MORELOCK: Sure.
 23. MR. SPALLONE: Sorry. At what point
 24. are we notified in terms of scheduling an
 25. inspection?

1. CHAIRMAN MORELOCK: You will work
 2. that through the Boiler Unit.
 3. MR. SPALLONE: Okay.
 4. CHAIRMAN MORELOCK: Again, we just --
 5. we review them and make our comments.
 6. MR. SPALLONE: I understand.
 7. CHAIRMAN MORELOCK: And they'll take
 8. care of all the nuts and bolts of getting this
 9. inspection schedules, completing that inspection,
 10. and getting you on your way. So --
 11. MR. SPALLONE: Thank you.
 12. CHAIRMAN MORELOCK: Good questions.
 13. Any other questions? Yes.
 14. MR. WYATT: Maybe it was said.
 15. James Wyatt.
 16. CHAIRMAN MORELOCK: Yes, sir.
 17. MR. WYATT: Compass Commissioning.
 18. When does a -- does it -- does a revised manual need
 19. to be resubmitted to the Board --
 20. MR. ROBINSON: Good question.
 21. MR. WYATT: -- formally?
 22. CHAIRMAN MORELOCK: Okay. That's an
 23. excellent question. These variances are three
 24. years. And if you look through our rules and law
 25. online, you will see that any items that need to

1. come before the Board have to be submitted 45 days
 2. in advance of the Board meeting. So that's the
 3. deadline for that.
 4. You also need to know that when it
 5. comes time for your renewal, the Boiler Unit will
 6. send you a notification. And the other thing is,
 7. if your manual has changes that are just
 8. editorial, you've updated job titles or phone
 9. numbers or, you know, things like that --
 10. MR. WYATT: For instance, the changes
 11. that we're going to make as a result of this
 12. meeting.
 13. CHAIRMAN MORELOCK: Yeah. Those --
 14. the editorial changes do not have to come to the
 15. Board.
 16. MR. WYATT: Okay.
 17. CHAIRMAN MORELOCK: They can be
 18. handled through the Boiler Unit. And that's -- that
 19. includes your renewal, as well. But if you do have
 20. a technical change, then it does need to come before
 21. the Board for us to re-review your program.
 22. MR. WYATT: I understood that.
 23. CHAIRMAN MORELOCK: Okay.
 24. MR. WYATT: Thank you.
 25. CHAIRMAN MORELOCK: All right. Any

1. other questions? All right. Thank you gentlemen.
 2. Okay. Our next item is 16-02. Johnson City Medical
 3. Center is requesting -- is this -- I'm going to ask
 4. a question as we're opening this up. So now, is
 5. this a variance request or a variance renewal?
 6. MR. PETERS: Well, there's a little
 7. story behind that. There --
 8. CHAIRMAN MORELOCK: Okay.
 9. MR. PETERS: We had a variance at one
 10. time. The last one I could find was 1994.
 11. CHAIRMAN MORELOCK: Okay.
 12. MR. PETERS: And we haven't had a
 13. renewal since then that I could find. I've been
 14. with the organization about a year and a half.
 15. CHAIRMAN MORELOCK: Okay.
 16. MR. PETERS: We did have two new
 17. boilers installed in 2012. So it will be considered
 18. a new variance --
 19. CHAIRMAN MORELOCK: Yeah. Yeah.
 20. Well --
 21. MR. PETERS: But we did at one time
 22. have --
 23. CHAIRMAN MORELOCK: Considering it's
 24. not been renewed since '94 and you've got new
 25. boilers, I would consider --

1. MR. PETERS: Yes.
 2. CHAIRMAN MORELOCK: -- it to be a new
 3. one.
 4. MR. PETERS: Yes.
 5. CHAIRMAN MORELOCK: Because it --
 6. MR. PETERS: That's what --
 7. CHAIRMAN MORELOCK: -- should be
 8. renewed every --
 9. MR. PETERS: -- you told me --
 10. CHAIRMAN MORELOCK: -- three years.
 11. MR. PETERS: -- yesterday. So --
 12. CHAIRMAN MORELOCK: Okay.
 13. MR. PETERS: But I'm -- I may --
 14. MR. BAILEY: Has everybody signed the
 15. sign-in sheet?
 16. MR. SANDERS: Yeah. We did.
 17. MR. PETERS: I'm Lanny Peters with
 18. Johnson City Medical Center. Yeah.
 19. CHAIRMAN MORELOCK: Okay.
 20. MR. PETERS: Applying for a new
 21. variance.
 22. MR. ROBINSON: Conflicts.
 23. CHAIRMAN MORELOCK: All right. Are
 24. there any conflicts of interest? There are none.
 25. So you can proceed, Mr. Peters.

1. MR. PETERS: We have three gas-fired
 2. boilers. We have a 300-horsepower, a
 3. 600-horsepower, and an 800-horsepower. The 300 and
 4. the 600 are the two new boilers I spoke of from
 5. 2012. The 800-horsepower is -- at the same time,
 6. 2012 had -- we replaced -- the tubes were replaced
 7. inside, but the boiler itself has been there for,
 8. the best I can tell, by 15, 16 years. And we have
 9. applied for a variance.
 10. We have been -- we've been
 11. maintaining the variance. And as far as I can
 12. tell -- as far back as I can find records, we've
 13. been operating as if we had a variance even
 14. though, like I said, we haven't actually had one
 15. since '94. But we do maintain the four-hour log.
 16. And we have been training new hires. We have been
 17. doing the annual training for the attendants.
 18. Our guys are called shift engineers
 19. or engineering techs. They don't actually have a
 20. title as a boiler mechanic, but we do have the
 21. people that maintain the boilers. And we do
 22. operate 24/7; there's always someone at the
 23. hospital.
 24. CHAIRMAN MORELOCK: Okay. All right.
 25. I would like to open this with a -- I'm trying my

1. best to follow Robert's Rules of Order. So --
 2. MR. ROBINSON: Motion --
 3. CHAIRMAN MORELOCK: -- we have to
 4. have a motion before we can have discussion. So do
 5. I --
 6. MR. ROBINSON: Motion --
 7. CHAIRMAN MORELOCK: -- have a motion?
 8. MR. ROBINSON: Motion to discuss.
 9. CHAIRMAN MORELOCK: Okay. Do I have
 10. a second?
 11. MR. BAUGHMAN: Second.
 12. CHAIRMAN MORELOCK: Okay. So I
 13. specifically have a motion to discuss on this one.
 14. So -- all right. So now I'm opening the floor for
 15. questions or comments. Go ahead.
 16. MR. ROBINSON: Mr. Peters, again,
 17. welcome. Thank you for coming.
 18. MR. PETERS: Thank you.
 19. MR. ROBINSON: How did you find out
 20. that you -- how did you come to realize that you
 21. didn't have a variance in effect?
 22. MR. PETERS: Well, shortly after I
 23. started, my boss, the director of the facility, came
 24. to me with everything he had on the boilers and
 25. said, here, we have to get a boiler variance,

1. because we don't have one. And then the paperwork
 2. he gave me -- the only one I could find was a
 3. variance that had been approved in 1994. And that's
 4. as far as -- and there may be something exists; I
 5. don't know, but that's all we had -- information we
 6. had. So that's when I started the process.
 7. MR. ROBINSON: Well, thank you for
 8. checking into it.
 9. CHAIRMAN MORELOCK: Yeah.
 10. MR. PETERS: But I did find --
 11. CHAIRMAN MORELOCK: Just a --
 12. MR. PETERS: -- like I said, they had
 13. been maintaining the -- they had been operating as
 14. if we had a variance even though we did not.
 15. CHAIRMAN MORELOCK: And looking
 16. through the records that we have from the Board, the
 17. most recent records we have from the Johnson City
 18. Medical Center Mountain States Health Alliance was
 19. in 2010 and 2013, was boiler variance and renewal
 20. for the Franklin Woods Hospital but not for the --
 21. MR. PETERS: Okay.
 22. CHAIRMAN MORELOCK: -- main --
 23. MR. PETERS: That's right.
 24. CHAIRMAN MORELOCK: -- hospital.
 25. Okay.

1. MR. PETERS: Uh-huh.
 2. CHAIRMAN MORELOCK: So --
 3. MR. ROBINSON: When I reviewed your
 4. manual, I reviewed it under presumption it was for
 5. renewal. But I -- some of the things that caught my
 6. eye was you've got three boilers in a series for
 7. whatever purpose. And they -- you've got a header,
 8. and you've got a sensor placed on one header. And
 9. the sensor controls the output pressure going into
 10. the hospital.
 11. MR. FINKS: Excuse me.
 12. MR. BAUGHMAN: Bless you.
 13. MR. ROBINSON: Bless you. And it
 14. also causes the other three boilers to modulate.
 15. MR. PETERS: That's correct. Yes.
 16. MR. ROBINSON: Okay. The three
 17. boilers, are they still capable of operating
 18. independently of that sensor?
 19. MR. PETERS: They are. Yes.
 20. MR. ROBINSON: So if they had to go
 21. to failsafe, the likelihood would be --
 22. MR. PETERS: They would -- normally,
 23. what we do is we're running two of the boilers, the
 24. 300 and the 600 usually operate together. The 800
 25. by itself. But if it was a -- if we were to have a

1. pressure, it would shut down the boilers. It would
 2. shut down all -- it would shut down whatever was in
 3. operation for whether it be two or the one, they
 4. would shut down.
 5. MR. ROBINSON: Okay. And now you've
 6. got three boilers.
 7. MR. PETERS: Yes.
 8. MR. ROBINSON: Two of them are
 9. 150-horsepower -- I'm -- 150 PSI output.
 10. MR. PETERS: Yes.
 11. MR. ROBINSON: The third one is a
 12. 200-horsepower -- I'm sorry. I just want to --
 13. MR. PETERS: Yes.
 14. MR. ROBINSON: -- say horsepower.
 15. PSI output.
 16. MR. PETERS: Yes. That's right.
 17. MR. ROBINSON: I didn't see the
 18. safety valves nor did I see a stop -- a check valve.
 19. MR. PETERS: The --
 20. MR. ROBINSON: What I'm worried about
 21. is the 200 overpowering the 150s.
 22. MR. PETERS: They have a shutoff at
 23. 100 -- if they get above 125 pounds, they will shut
 24. off no matter which boiler --
 25. MR. ROBINSON: How?

1. MR. PETERS: -- it is that are
 2. running. It's a safety that -- it'll shut the
 3. boilers down at 125, and then they -- it's got a
 4. manual restart. They won't start back; we'd have to
 5. manually restart them. And it would alarm the PBX,
 6. which is our remote system, they would get -- they
 7. would also be notified.
 8. MR. ROBINSON: What are the safety
 9. valves set for?
 10. MR. PETERS: One twenty-five.
 11. MR. ROBINSON: All three?
 12. MR. PETERS: Yes. They're all three
 13. at 125. If we get above 125, it'll shut the -- the
 14. boilers will shut down.
 15. MR. ROBINSON: Mr. Chairman, question
 16. to the Board, we don't make a statement saying that,
 17. we should have a -- valves across the table or
 18. listed on the equipment data sheet.
 19. CHAIRMAN MORELOCK: No, we don't.
 20. MR. ROBINSON: Okay. What -- could
 21. you add this information into the data sheet --
 22. MR. PETERS: Sure.
 23. MR. ROBINSON: -- on your manual?
 24. This gives me a bit of security that I know the
 25. valves that you're using are going to be correct.

1. MR. PETERS: Okay. Sure.
 2. CHAIRMAN MORELOCK: That's a fair
 3. question. Now, the Board is going to divert back to
 4. ASME Section 1 as well as CSD-1 to address
 5. overpressure protection of the boilers.
 6. MR. ROBINSON: Yes, sir. You caught
 7. up?
 8. MR. PETERS: I am. Yes. Thank you.
 9. MR. ROBINSON: Very well. In
 10. Appendix I, which is a log, it appeared that you had
 11. a 24-hour period on that example sheet, and you have
 12. performed no testing whatsoever. Is there an excuse
 13. for that?
 14. MR. PETERS: I'm sorry, which page is
 15. that?
 16. MR. ROBINSON: Appendix I. Forgive
 17. me. I'll find it.
 18. DR. JOHNSON: Page 30.
 19. MR. ROBINSON: Thank you.
 20. DR. JOHNSON: It's on page 30.
 21. MR. ROBINSON: Thank you.
 22. MR. PETERS: You said page three?
 23. DR. JOHNSON: Thirty.
 24. MR. CHAPMAN: Thirty.
 25. MR. PETERS: Oh.

1. DR. JOHNSON: Thirty.
 2. MR. PETERS: Thirty. All right.
 3. Almost there. Oh. Okay. This is our log -- our
 4. 4-hour log. We actually do it passed the --
 5. MR. ROBINSON: Per page 15, you say
 6. you do a daily blowdown.
 7. MR. PETERS: We do. We do a daily
 8. blowout -- blowdown that we haven't been marking
 9. that on our boiler log. But we do do a daily --
 10. MR. ROBINSON: Is this --
 11. MR. PETERS: -- blowdown.
 12. MR. ROBINSON: What do you call this
 13. one? I mean, what is --
 14. MR. PETERS: Well, to be honest with
 15. you, I didn't realize we'd need to denote that. We
 16. do do a daily blowdown. Actually, at the end of
 17. every shift, they do -- we do a blowdown. But I
 18. just hadn't -- we haven't been -- they hadn't
 19. before, and I didn't know we needed to note that,
 20. but we can, of course.
 21. MR. ROBINSON: If you could, please
 22. make a notation on that log that a daily, positive
 23. test of the low water cutoff device --
 24. MR. PETERS: Okay.
 25. MR. ROBINSON: -- is performed at

1. least once a day.
2. MR. PETERS: It is at least once a
3. day. Yes.
4. MR. ROBINSON: At least once a day.
5. MR. PETERS: We do.
6. MR. ROBINSON: And I'm going, again,
7. back to what Mr. Chairman had mentioned, this is a
8. CSD-1 requirement.
9. MR. PETERS: Okay. Okay. Just note
10. that under system test?
11. MR. ROBINSON: Yes, sir.
12. MR. PETERS: Okay.
13. MR. ROBINSON: Is there a National
14. Board Number for one -- for Unit Number 1 on page
15. 23?
16. MR. PETERS: There -- I could not
17. find the National Board Number for that boiler. I
18. can't recall now what the deal was with that, but
19. there was -- actually, I think I have it now; I
20. didn't it when I --
21. MR. ROBINSON: Okay. Very well.
22. MR. PETERS: -- submitted this. I do
23. believe we have that number --
24. MR. ROBINSON: Okay.
25. MR. PETERS: -- now.

1. MR. ROBINSON: Okay. Well, just go
2. ahead and update that to reflect the National --
3. MR. PETERS: Okay.
4. MR. ROBINSON: -- Board Number for
5. that first unit.
6. MR. PETERS: Okay.
7. MR. ROBINSON: And then in the remote
8. monitoring section, I didn't see a job description.
9. Maybe I overlooked it.
10. MR. PETERS: What page is that on?
11. CHAIRMAN MORELOCK: Thirty-one.
12. Yeah. 31.
13. MR. PETERS: The remote --
14. MR. ROBINSON: Yes, sir.
15. CHAIRMAN MORELOCK: Yeah.
16. MR. PETERS: The remote monitoring is
17. done by PBX --
18. MR. ROBINSON: Yes, sir.
19. MR. PETERS: -- operators. And I did
20. not include that --
21. CHAIRMAN MORELOCK: Right.
22. MR. PETERS: -- under job
23. descriptions. Okay. I can add that --
24. CHAIRMAN MORELOCK: Okay.
25. MR. ROBINSON: Very well.

1. MR. PETERS: -- to it.
2. MR. ROBINSON: That's all the
3. questions I have.
4. CHAIRMAN MORELOCK: Okay.
5. MR. ROBINSON: Oh. I did want to
6. comment. It was really -- your testing, it was
7. really -- I thought it was ideal. It's the first
8. time I had seen where, you know, the manual had
9. incorporated testing in actual --
10. CHAIRMAN MORELOCK: Uh-huh.
11. MR. ROBINSON: -- written format from
12. people taking the exam.
13. MR. PETERS: They've done a very good
14. job. They actually -- it wasn't anything I did or
15. trained; they had already -- they had been trained,
16. and they knew. We actually had a Boiler Supply guy.
17. He was -- they came up, was very gracious and helped
18. us. We went up and just out of the blue trained
19. them and said, what do you do if this happens, and
20. they knew exactly what to do. So it was --
21. CHAIRMAN MORELOCK: Good.
22. MR. ROBINSON: Well, Mr. Peters, it
23. was --
24. MR. PETERS: There's already a good
25. system in place.

1. MR. ROBINSON: It was refreshing.
2. Thank you.
3. MR. PETERS: Okay. Thank you. I
4. appreciate that.
5. MR. ROBINSON: Go ahead.
6. MR. BAUGHMAN: Who is responsible for
7. training the new hires, personnel, and so forth?
8. MR. PETERS: What we've been doing is
9. the most qualified -- we have a guy that -- our best
10. boiler mechanic, he's the one that -- he'll train
11. them, the new hires. And I have got some training
12. lined up for -- I'm actually going to train all of
13. our guys. The -- all the techs and my shift guys,
14. because since we are 24/7, anybody at any time could
15. have to contend with some issue with the boilers so
16. we have some training lined up to train everybody.
17. But right now, they're our most seasoned shift
18. engineer, the one that goes through and actually has
19. a little checkoff sheet and trains the new hires.
20. MR. BAUGHMAN: That needs to be
21. identified in some form or fashion --
22. MR. PETERS: Okay.
23. MR. BAUGHMAN: -- who is responsible
24. for training.
25. MR. PETERS: Okay.

1. MR. BAUGHMAN: And not -- and I
 2. wouldn't identify it as our most seasoned person. I
 3. would give specific identification to that.
 4. MR. PETERS: Okay.
 5. CHAIRMAN MORELOCK: Yeah. And that
 6. would be for new hire and annual training.
 7. MR. BAUGHMAN: Yes. The next
 8. question I would have to that is we've got a log
 9. that's in there that shows training of personnel.
 10. Some of those are back to 2011 and some of those as
 11. recent as 2015, but I didn't know if all those
 12. personnel are still actually hire or under -- being
 13. employed there.
 14. MR. PETERS: They are. Yes.
 15. MR. BAUGHMAN: Okay. Very good. The
 16. next item I'd have would be on page 11, number two,
 17. on receipt of an alarm, the boiler attendant should
 18. contact the remote station to acknowledge the alarm.
 19. MR. PETERS: They -- well, it
 20. shouldn't say "should". They -- we do contact the
 21. remote station.
 22. MR. BAUGHMAN: Gotcha.
 23. MR. PETERS: Which an -- if -- when
 24. an alarm -- once it alarms, the PBX actually
 25. starts -- they give us about a -- they would wait a

1. minute and then they would do a call over the whole
 2. system --
 3. MR. BAUGHMAN: Okay.
 4. MR. PETERS: -- to alert the boiler
 5. attendant, but -- and then he will call them to let
 6. them know if he's -- once he's taken care of or got
 7. to the -- got down to the boiler --
 8. MR. BAUGHMAN: My --
 9. MR. PETERS: -- room, the --
 10. MR. BAUGHMAN: -- recommendation is
 11. to change the "should" to "shall".
 12. MR. PETERS: Okay.
 13. MR. BAUGHMAN: The next I would have
 14. would be on the training checklist for the shift
 15. engineers. I have a question. This is the on page
 16. 18. But in looking over the model numbers of the
 17. boilers in 4WIs and then a standard CB 200 and so
 18. forth, it says, boilers are two- and four-pass. The
 19. two-pass are ultraviolet; the four-pass are
 20. infrared. And I didn't know which of your boilers
 21. were the two-pass and the four-pass.
 22. MR. PETERS: This was -- I believe
 23. this was from the training they had done back in
 24. 2011, and I don't --
 25. CHAIRMAN MORELOCK: Was that just

1. training --
 2. MR. PETERS: -- know which ones
 3. are --
 4. CHAIRMAN MORELOCK: -- to help them
 5. understand the difference between a fire tube and a
 6. water tube boiler --
 7. MR. PETERS: Yes.
 8. CHAIRMAN MORELOCK: -- maybe?
 9. MR. PETERS: Yes.
 10. CHAIRMAN MORELOCK: Okay.
 11. SPEAKER 8: I was interested since I
 12. believe all three of those boilers are four-pass
 13. designed boilers.
 14. MR. PETERS: I believe they are.
 15. CHAIRMAN MORELOCK: Yeah. They're
 16. all fire tube. It says on the --
 17. MR. PETERS: They are --
 18. SPEAKER 3: Well, they can be a
 19. two-pass, three- or four-pass, but I was just
 20. interested to know why there was a delineation
 21. between two-pass and four-pass --
 22. MR. PETERS: They --
 23. MR. BAUGHMAN: -- and --
 24. MR. PETERS: I'm -- there may have --
 25. I don't know what boilers were -- that we've

1. replaced in 2012, but they may have -- one of them
 2. may have been a two-pass.
 3. MR. PETERS: But --
 4. CHAIRMAN MORELOCK: Okay.
 5. MR. PETERS: -- ours are -- they are
 6. all three-, four-pass. So --
 7. CHAIRMAN MORELOCK: Okay.
 8. MR. BAUGHMAN: Yes, sir. Okay.
 9. Thank you. The only other thing that I had on here
 10. is under the checklist for the attendant variance
 11. request, there's no manual references in any of it.
 12. We've got the item numbers, the introduction, the
 13. applicant response. Manual references: Page 32,
 14. page 33, page 34 gives a description but not a
 15. manual reference and nor on page 35 is there any
 16. references.
 17. MR. PETERS: Okay. Does it need to
 18. reference the page number where it's --
 19. CHAIRMAN MORELOCK: Well, that's just
 20. a --
 21. MR. PETERS: -- including --
 22. CHAIRMAN MORELOCK: This is a
 23. checklist. This is to help you as well as us, but
 24. this is primarily for you to make note so that you
 25. know, yourself, where those references are based on

Page 69

1. this checklist. Now, it's not mandatory that you do
2. that. It's just a help to you so that you know
3. you've completely reviewed your manual.
4. MR. PETERS: Okay.
5. CHAIRMAN MORELOCK: Okay?
6. MR. PETERS: All right. I
7. understand.
8. CHAIRMAN MORELOCK: So -- and it does
9. make it easier for us when we're going through the
10. manual where you can prove where your -- these items
11. have been addressed.
12. MR. PETERS: Okay.
13. CHAIRMAN MORELOCK: So any other
14. comments? I've just got a couple. Most of mine
15. have already been addressed. On page six, your
16. organizational chart, since the PBX operators are
17. listed in your manual, they should be shown on your
18. organizational chart so they'll know how that looks.
19. MR. PETERS: Okay.
20. CHAIRMAN MORELOCK: Okay? On page
21. 12, you've got a typo. It says, "PBS" and it should
22. be "PBX". On page 15, the statement is made --
23. let's see --
24. MR. PETERS: I'm sorry. What was the
25. typo? Twelve, you said.

Page 70

1. DR. JOHNSON: It said PBS --
2. CHAIRMAN MORELOCK: On page 12
3. it's -- for your PBX operator --
4. DR. JOHNSON: Yeah.
5. CHAIRMAN MORELOCK: It says "PBS"
6. instead of "PBX".
7. DR. JOHNSON: With -- where is that,
8. Brian?
9. CHAIRMAN MORELOCK: I don't know.
10. Let me make sure I've got the right page.
11. DR. JOHNSON: Right.
12. CHAIRMAN MORELOCK: Oh. I'm sorry.
13. Page 10. It's on page 10. I gave you the wrong
14. page number just to throw you off.
15. MR. PETERS: Oh. Okay.
16. CHAIRMAN MORELOCK: So yeah, it's on
17. page 10.
18. MR. PETERS: Okay. I got you.
19. CHAIRMAN MORELOCK: PBX. Right in
20. the first sentence.
21. MR. PETERS: Right. I see.
22. CHAIRMAN MORELOCK: Unless you're
23. going to go to Sneedville and get PBS to do that for
24. you. But --
25. MR. PETERS: Thank you.

Page 71

1. CHAIRMAN MORELOCK: Okay. All right.
2. So --
3. MR. ROBINSON: You want 15.
4. CHAIRMAN MORELOCK: Yeah. Let me go
5. to 15. Let me make sure I'm telling this right now.
6. So hang on. Let's see. I read a statement that
7. says, "other qualified individual" for boiler
8. attendant. Where did I see that? Oh yeah, there it
9. is on six. Boiler attendant or other qualified
10. individual. What does that mean?
11. MR. PETERS: Well, that would be one
12. of the engineering techs I spoke of that has had the
13. training --
14. CHAIRMAN MORELOCK: Okay.
15. MR. PETERS: Would actually go to
16. the --
17. CHAIRMAN MORELOCK: Well, specific --
18. MR. PETERS: Some of the techs
19. actually --
20. CHAIRMAN MORELOCK: Yeah.
21. MR. PETERS: -- do the four-hour --
22. CHAIRMAN MORELOCK: Okay. Well,
23. specifically call that out and show that on your --
24. MR. PETERS: Okay.
25. CHAIRMAN MORELOCK: -- work chart if

Page 72

1. needed, too. So --
2. MR. PETERS: Okay.
3. CHAIRMAN MORELOCK: Because we
4. just -- we don't know who an "other qualified
5. individual" would be. And as Mr. Robinson just
6. said, Dr. Canonico, in his absence, he would be all
7. over that. So --
8. MR. PETERS: Okay. I got it.
9. CHAIRMAN MORELOCK: Okay. My last
10. comment, how do you permit -- prevent unauthorized
11. access to the remote monitoring system?
12. MR. PETERS: They -- now, PBX's door
13. is always locked. The -- you can't gain access
14. unless they let you in. And the only people that
15. are in PBX are the --
16. CHAIRMAN MORELOCK: Well, and even
17. the software itself, how is it -- is it password
18. protected?
19. MR. PETERS: It is password
20. protected.
21. CHAIRMAN MORELOCK: Okay. Make sure
22. your manual states that.
23. MR. PETERS: Okay.
24. CHAIRMAN MORELOCK: Okay? And again,
25. like I've said, I think we've addressed everything,

1. but update your manual to make sure that the
 2. qualifications for your remote monitoring personnel,
 3. the training, who does the training -- basically,
 4. it's checklist items 25, 26, 27, 28, and 29; make
 5. sure that those are in your manual. That was the
 6. biggest thing I saw was -- again, that's why it's so
 7. important for the site visit by the Boiler Unit
 8. to -- you know what you're doing; you've tried to
 9. write down what you're doing, but sometimes you have
 10. to actually see it in action and in words to make
 11. sure it all matches. Okay?
 12. MR. PETERS: Yes.
 13. CHAIRMAN MORELOCK: All right.
 14. That's all the comments I have. Any other
 15. questions, comments? Okay. So now we need a motion
 16. to proceed on this item.
 17. MR. ROBINSON: Contingent.
 18. CHAIRMAN MORELOCK: Uh-huh.
 19. MR. ROBINSON: Motion to accept
 20. contingent on incorporating the comments.
 21. CHAIRMAN MORELOCK: And a site visit
 22. by the Boiler Unit. Do I have a second?
 23. DR. JOHNSON: Second.
 24. CHAIRMAN MORELOCK: All right. Any
 25. other questions or comments? Then we'll call the

1. question. All in favor, say "aye".
 2. MR. ROBINSON: Aye.
 3. MR. BAUGHMAN: Aye.
 4. DR. JOHNSON: Aye.
 5. CHAIRMAN MORELOCK: Opposed?
 6. Abstentions? Not voting? You have a contingently
 7. approved variance.
 8. MR. PETERS: Okay. Thank you very
 9. much. Now, will I be contacted on the -- for the
 10. site visit or when that will be --
 11. CHAIRMAN MORELOCK: Yes.
 12. MR. PETERS: -- scheduled?
 13. CHAIRMAN MORELOCK: You need to work
 14. with the Boiler Unit on that.
 15. MR. PETERS: Okay. Do I set that up
 16. or you contact?
 17. MR. CHAPMAN: Well once you -- when I
 18. get the manual on it --
 19. MR. PETERS: Okay.
 20. MR. CHAPMAN: -- with all the
 21. changes, then we'll schedule it.
 22. MR. PETERS: Okay.
 23. CHAIRMAN MORELOCK: Okay?
 24. MR. PETERS: Good enough.
 25. CHAIRMAN MORELOCK: All right.

1. MR. BAUGHMAN: Will they actually
 2. operate under the 20-minute rule until the
 3. variance --
 4. CHAIRMAN MORELOCK: Uh-huh.
 5. MR. BAUGHMAN: -- gets approved?
 6. MR. CHAPMAN: Yes.
 7. CHAIRMAN MORELOCK: That's correct.
 8. That is correct. And again too, make sure your
 9. manual does say that if there's anything that
 10. disrupts your variance process, you need to operate
 11. under 20-minute rule.
 12. MR. PETERS: Okay.
 13. CHAIRMAN MORELOCK: Okay. Our next
 14. Item is 16-03, TriStar Skyline Madison Campus. And
 15. while the gentlemen are coming forward, is there a
 16. conflict of interest? All right. We will proceed.
 17. MR. NEVILLE: Good morning. I'm
 18. James Neville with Neville Engineering.
 19. MR. HARPER: And I'm Wesley Harper
 20. with Skyline Madison Campus.
 21. MR. NEVILLE: This is a renewal
 22. request for the Madison Campus. Skyline Madison is
 23. located in Madison, Tennessee. They're operating
 24. two high-pressure boilers. These boilers are
 25. operated 24 hours a day, seven days a week

1. furnishing high-pressure steam for space heating,
 2. domestic water heating, dietary equipment,
 3. sterilizers, and humidifiers. In Appendix A, we
 4. listed the boilers. In Appendix I, I guess, I'll
 5. refer you to is the list of changes. I believe
 6. that's I-6 --
 7. CHAIRMAN MORELOCK: Yes. That's
 8. correct.
 9. MR. NEVILLE: -- is the page that we
 10. listed the changes to the variance. There were some
 11. personnel changes that were updated, and there's
 12. also -- on page one, there's been another change to
 13. the personnel.
 14. Jason Heavin was the manager of plant
 15. operations. That has changed now to Scott Harris.
 16. So that is an update that we need to correct in
 17. this new manual that we are presenting. So
 18. Scott Harris is the new manager of plant
 19. operations there.
 20. CHAIRMAN MORELOCK: So you'll correct
 21. that in the -- on page one as well as the --
 22. MR. NEVILLE: As well --
 23. CHAIRMAN MORELOCK: As well as the
 24. letter --
 25. MR. NEVILLE: Yes.

1. CHAIRMAN MORELOCK: -- the request
 2. letter in the back?
 3. MR. NEVILLE: The boiler plant is
 4. located approximately 600 -- or 580 feet from the
 5. front desk where the remote station will be located.
 6. The -- in Appendix I-6, the updated position for the
 7. remote station will be the waiting room liaison.
 8. And in Appendix G, the -- lists the job details, job
 9. responsibilities. The front desk is where the new
 10. remote station is located.
 11. Page seven is the updated job
 12. descriptions, and the training was updated to the
 13. manager of plant operations, and the appendices
 14. were updated, as well. That's A through K so --
 15. CHAIRMAN MORELOCK: Okay.
 16. MR. NEVILLE: If there's questions
 17. regarding the boiler, we can take those and --
 18. CHAIRMAN MORELOCK: What of these
 19. revisions are technical?
 20. MR. NEVILLE: The location of the
 21. remote station is really --
 22. CHAIRMAN MORELOCK: Okay.
 23. MR. NEVILLE: -- the only --
 24. MR. ROBINSON: Movement.
 25. MR. NEVILLE: -- technical change

1. at --
 2. CHAIRMAN MORELOCK: Okay.
 3. MR. NEVILLE: -- this point. They
 4. are -- I believe they might be looking at control of
 5. changes later on, but this -- right now, just the
 6. remote station location moving was the only change.
 7. CHAIRMAN MORELOCK: Okay. All right.
 8. I need a motion.
 9. MR. ROBINSON: Motion to discuss.
 10. MR. BAUGHMAN: Second.
 11. CHAIRMAN MORELOCK: Okay. Floor is
 12. open.
 13. MR. ROBINSON: Dave, go ahead.
 14. MR. BAUGHMAN: So the addition of the
 15. waiting room liaison is not a -- is that an addition
 16. or was it in there previously?
 17. MR. NEVILLE: The -- previously,
 18. we -- the description, I believe, was a --
 19. MR. HARPER: PBX.
 20. MR. NEVILLE: -- PBX operator. So --
 21. MR. HARPER: Yeah.
 22. MR. NEVILLE: -- the job description
 23. changed. Some of the functions -- so that was
 24. updated so --
 25. MR. BAUGHMAN: Okay.

1. MR. NEVILLE: I don't know if that
 2. answers your question or not but --
 3. MR. BAUGHMAN: Okay. So the PBX
 4. operator provides training on equipment and
 5. applications to other members of staff. Who is
 6. responsible for the training on the manual, because
 7. I'm a little confused. If the waiting room liaison
 8. provides training --
 9. MR. NEVILLE: On page five, if I can
 10. reference. So the manager of plant operations is
 11. over the training.
 12. MR. BAUGHMAN: Okay.
 13. MR. NEVILLE: If that --
 14. MR. BAUGHMAN: Well, and that was
 15. just my --
 16. MR. NEVILLE: -- makes that clear.
 17. MR. BAUGHMAN: -- that was why I was
 18. needing clarification --
 19. MR. NEVILLE: Sure.
 20. MR. BAUGHMAN: -- because they're the
 21. ones providing training but on G-3, it also lists
 22. the duties of the waiting room --
 23. MR. NEVILLE: Yes.
 24. MR. BAUGHMAN: -- liaison of
 25. providing training also. And so I just want --

1. MR. NEVILLE: Well, on G-3 -- is that
 2. what you're referring to?
 3. MR. BAUGHMAN: Yes, sir.
 4. MR. NEVILLE: Right.
 5. MR. BAUGHMAN: Under job summary.
 6. MR. NEVILLE: So under job summary,
 7. annual boiler variance training by the manager of
 8. plant operations.
 9. MR. BAUGHMAN: Okay.
 10. MR. NEVILLE: So the manager of plant
 11. operations is --
 12. MR. BAUGHMAN: Great.
 13. MR. NEVILLE: -- doing that training.
 14. MR. BAUGHMAN: So the waiting room --
 15. and that's what I was wanting clarification on was
 16. the boiler room -- or the waiting room liaison would
 17. not --
 18. MR. NEVILLE: They're not --
 19. MR. BAUGHMAN: -- be involved in --
 20. MR. NEVILLE: They're not trained;
 21. they're being trained.
 22. CHAIRMAN MORELOCK: Okay.
 23. MR. BAUGHMAN: Okay.
 24. CHAIRMAN MORELOCK: So --
 25. MR. BAUGHMAN: Well, it says,

Page 81

1. "provides training," so that's why I was asking for
2. that. The wording in --
3. MR. NEVILLE: Okay.
4. MR. BAUGHMAN: Do you see that?
5. MR. NEVILLE: Yes. That's not
6. referring to boiler variance training.
7. MR. BAUGHMAN: I understand.
8. MR. NEVILLE: That's training on
9. other equipment in their --
10. MR. BAUGHMAN: But it says, "provides
11. training on equipment and applications to other
12. members of staff." So that's why I was just saying.
13. I just --
14. MR. NEVILLE: Okay.
15. MR. BAUGHMAN: Just wanted to have
16. clarification --
17. MR. NEVILLE: Yeah.
18. MR. BAUGHMAN: -- because it was
19. somewhat ambiguous on its --
20. CHAIRMAN MORELOCK: Well, what you
21. may want to do --
22. MR. BAUGHMAN: -- wording to me.
23. CHAIRMAN MORELOCK: -- is on page
24. five and seven, instead of just saying the
25. documentation is kept by the manager of plant

Page 82

1. operations, you could put, "the training and the
2. documentation" or however you want to word that so
3. that we know that the plan -- the manager of plant
4. operations is doing more than just keeping the
5. documentation. Just --
6. MR. NEVILLE: Okay.
7. CHAIRMAN MORELOCK: -- state who is
8. providing the training too.
9. MR. NEVILLE: Okay.
10. MR. BAUGHMAN: The other was under
11. the equipment listing. And in particular, in
12. reference -- and I'm looking for the page number,
13. James. But it was in reference to the DA system.
14. This is on A-1.
15. MR. NEVILLE: Okay.
16. MR. BAUGHMAN: The boilers are set at
17. 150 or have a maximum allowable working pressure of
18. 150. But the DA has a design pressure of 200 and a
19. safety valve setting of 200. And that safety valve
20. setting of 200 being 50 psi above what the boilers
21. are set at, they really should coincide. Not that
22. that's a deterrent to the manual but just a note on
23. operations.
24. MR. NEVILLE: Okay.
25. MR. HARPER: Yeah, because we only

Page 83

1. run 80 pounds of pressure.
2. MR. BAUGHMAN: Sure. So it shouldn't
3. be any problem to bring the 150 down just to have it
4. all set at the same pressure so we can't get any
5. issues at all.
6. MR. NEVILLE: Okay.
7. CHAIRMAN MORELOCK: Well, you'd
8. really set the DA at 150, not bring the others down
9. from --
10. MR. BAUGHMAN: No.
11. CHAIRMAN MORELOCK: -- 150.
12. MR. NEVILLE: Right.
13. MR. BAUGHMAN: No. That's what --
14. CHAIRMAN MORELOCK: Yeah.
15. MR. BAUGHMAN: -- I'm saying is --
16. CHAIRMAN MORELOCK: Yeah.
17. MR. BAUGHMAN: -- set the DA at 150.
18. Exactly. That's it on my --
19. MR. ROBINSON: And naturally, change
20. that in the appendices.
21. MR. NEVILLE: Yes.
22. MR. ROBINSON: One comment. As far
23. as the low water testing --
24. MR. NEVILLE: Yes.
25. MR. ROBINSON: -- I'm a stickler.

Page 84

1. It's a daily, at least once a shift. I would like
2. to see objective evidence that you guys perform a
3. test on the low water cutoff safety device. At
4. least --
5. MR. HARPER: That's three times a
6. day.
7. MR. ROBINSON: Is that in the manual?
8. MR. NEVILLE: Let's see.
9. MR. HARPER: I don't know if he
10. logged that in there or not. We do an alarm --
11. MR. NEVILLE: We --
12. MR. HARPER: -- test three time a
13. day.
14. MR. ROBINSON: Document it.
15. MR. HARPER: And we do. We have an
16. alarm --
17. MR. NEVILLE: Right.
18. MR. HARPER: -- as a --
19. MR. ROBINSON: And see -- and I --
20. you know, I do understand what you're saying. And
21. see, here's where I'm a little -- I'm not clear.
22. The -- you use the term "alarm testing" and you
23. really don't say low water --
24. MR. HARPER: Low water alarm.
25. MR. ROBINSON: -- testing.

1. MR. HARPER: We do low water alarm
 2. tests.
 3. MR. ROBINSON: So you could just test
 4. the alarm and still be in compliance, but it doesn't
 5. do anything for the boiler. So I would like to see
 6. low water cutoff testing --
 7. MR. HARPER: Right.
 8. MR. ROBINSON: -- as the primary
 9. objective.
 10. MR. NEVILLE: On the log sheet F-1 --
 11. MR. ROBINSON: Daily? Does it say
 12. "daily," Mr. Neville?
 13. MR. NEVILLE: It does not say
 14. "daily." We can update F-1 to show a positive --
 15. MR. ROBINSON: Would you please?
 16. MR. NEVILLE: -- check of --
 17. MR. ROBINSON: Yes, sir.
 18. MR. HARPER: Yeah.
 19. MR. ROBINSON: Very well.
 20. MR. HARPER: Because we do that.
 21. MR. ROBINSON: And I'm --
 22. MR. HARPER: And we document that.
 23. MR. ROBINSON: I'm sure a lot of
 24. people do it. There are only a few people that
 25. really don't want it tested. You know, I had one

1. guy tell me that he didn't want to test it, because
 2. his boiler wouldn't come back up. Right? Go
 3. figure. Forgive me. Mr. Chairman, go ahead. I'm
 4. sorry.
 5. CHAIRMAN MORELOCK: That's it.
 6. MR. BAUGHMAN: Well, James, you made
 7. a good point. You just said it is a positive check
 8. of the low water cutoff.
 9. MR. NEVILLE: Yes.
 10. MR. BAUGHMAN: More so than just
 11. doing a shunt test and showing that the alarm goes
 12. off but actually shutting the boiler off in a low
 13. water state. So I'm glad you mentioned that.
 14. MR. NEVILLE: But we'll make a
 15. clarification on the daily log.
 16. CHAIRMAN MORELOCK: Okay.
 17. MR. NEVILLE: Of what that is.
 18. MR. ROBINSON: Thank you, sir.
 19. DR. JOHNSON: Can I --
 20. CHAIRMAN MORELOCK: Yes, sir.
 21. Absolutely, Dr. Johnson. Go ahead.
 22. MR. BAUGHMAN: I would just like make
 23. sure I understand what we were proposing for page
 24. A-1, which is --
 25. CHAIRMAN MORELOCK: Okay.

1. DR. JOHNSON: -- the Deaerator Data
 2. Sheet. Obviously, 200 psi design pressure had to be
 3. changed because --
 4. CHAIRMAN MORELOCK: Right.
 5. DR. JOHNSON: -- that's what it is.
 6. DR. JOHNSON: But on a safety valve
 7. setting, it looks like you're operating pressure
 8. for -- I guess what you're trying to do is match up
 9. the safety valve settings for both pieces of
 10. equipment; is that right?
 11. CHAIRMAN MORELOCK: Right. So you
 12. don't --
 13. DR. JOHNSON: All right. So is --
 14. CHAIRMAN MORELOCK: You couldn't have
 15. incident to overpressure the boiler.
 16. DR. JOHNSON: So it would -- should
 17. that be at 80 or should it be at 150 --
 18. CHAIRMAN MORELOCK: Well, you see --
 19. DR. JOHNSON: I'm just wondering.
 20. CHAIRMAN MORELOCK: The code's not
 21. going to tell you, but --
 22. DR. JOHNSON: Yeah.
 23. CHAIRMAN MORELOCK: -- it can exceed
 24. MAWP. But the relief folks will tell you, if you
 25. set that relief right on top of the operating, it's

1. going to sit there and chatter and just --
 2. DR. JOHNSON: Yeah, I agree.
 3. CHAIRMAN MORELOCK: You know.
 4. DR. JOHNSON: I --
 5. CHAIRMAN MORELOCK: You don't want
 6. that either.
 7. DR. JOHNSON: No, I agree. I agree.
 8. So --
 9. CHAIRMAN MORELOCK: So there's -- you
 10. know, some people say --
 11. DR. JOHNSON: So --
 12. CHAIRMAN MORELOCK: -- 10 percent
 13. over, some people say --
 14. DR. JOHNSON: Yeah.
 15. CHAIRMAN MORELOCK: -- 15 or 20 --
 16. DR. JOHNSON: Right.
 17. CHAIRMAN MORELOCK: -- percent over.
 18. DR. JOHNSON: But they should be
 19. set --
 20. CHAIRMAN MORELOCK: Yeah.
 21. DR. JOHNSON: -- at the same --
 22. CHAIRMAN MORELOCK: Yeah.
 23. DR. JOHNSON: -- level, whatever that
 24. is.
 25. CHAIRMAN MORELOCK: Yeah, but

1. Mr. Baughman's comment -- his concern was that there
 2. could be a situation where the DA could overpressure
 3. the boilers.
 4. DR. JOHNSON: Yeah.
 5. CHAIRMAN MORELOCK: Just -- you know.
 6. DR. JOHNSON: No, I --
 7. CHAIRMAN MORELOCK: Yeah. Yeah.
 8. DR. JOHNSON: -- wasn't debating
 9. that.
 10. CHAIRMAN MORELOCK: Yeah. So -- but
 11. yeah, I mean, it's a good point.
 12. DR. JOHNSON: I just wanted to make
 13. sure I understood --
 14. CHAIRMAN MORELOCK: Yes.
 15. DR. JOHNSON: -- what we were
 16. recommending.
 17. CHAIRMAN MORELOCK: We're just --
 18. DR. JOHNSON: And we're not --
 19. CHAIRMAN MORELOCK: -- recommending
 20. that they get they're system to where they don't
 21. overpressure it.
 22. DR. JOHNSON: Yeah.
 23. CHAIRMAN MORELOCK: Yeah. Yeah,
 24. we're not going to tell them any specific --
 25. DR. JOHNSON: Okay.

1. CHAIRMAN MORELOCK: -- numbers.
 2. DR. JOHNSON: All right. That's
 3. good.
 4. CHAIRMAN MORELOCK: Okay.
 5. MR. ROBINSON: Mr. Chairman, one
 6. comment.
 7. CHAIRMAN MORELOCK: Okay.
 8. MR. ROBINSON: On that same form, the
 9. serial number, you have it as 0089652 for the first
 10. unit. Just change it --
 11. MR. NEVILLE: Yes.
 12. MR. ROBINSON: -- to TN89652.
 13. MR. NEVILLE: Okay.
 14. MR. ROBINSON: I tried to look it up.
 15. MR. NEVILLE: Okay. All right.
 16. MR. ROBINSON: I couldn't find it. I
 17. thought you had an illusionary boiler or something.
 18. So --
 19. CHAIRMAN MORELOCK: Come out of Y12.
 20. MR. ROBINSON: Yeah.
 21. CHAIRMAN MORELOCK: Okay. I just
 22. have some much simpler comments. On page seven,
 23. you're describing the boiler attendant, and we know
 24. that the boiler operator is the boiler attendant.
 25. MR. NEVILLE: Correct.

1. CHAIRMAN MORELOCK: So how does the
 2. security officer and the security supervisor monitor
 3. the boiler? Is that remote or is that an attendant?
 4. What's their function?
 5. MR. NEVILLE: At certain times, they
 6. would be the attendant and doing the four-hour
 7. checks.
 8. CHAIRMAN MORELOCK: Okay.
 9. MR. NEVILLE: So they would be
 10. trained to go and make the checks on the boiler for
 11. pressure, temperature and --
 12. CHAIRMAN MORELOCK: Okay. So --
 13. MR. NEVILLE: Do you want to
 14. elaborate any further --
 15. MR. HARPER: Yeah.
 16. MR. NEVILLE: -- on that?
 17. CHAIRMAN MORELOCK: -- are those
 18. duties listed Appendix G, as well? I think they are
 19. but --
 20. MR. NEVILLE: They are. They are.
 21. CHAIRMAN MORELOCK: -- just make sure
 22. that that's clear, because again, you guys know how
 23. it's operating.
 24. MR. HARPER: Right.
 25. CHAIRMAN MORELOCK: We're just

1. reading the book, and we don't necessarily know. So
 2. that'll serve as a good clarification for that. And
 3. we see in the manual specific remote training, but
 4. what specific training does the boiler operator
 5. receive? I don't know that I saw that in
 6. Appendix G.
 7. MR. NEVILLE: Do you want to --
 8. MR. HARPER: The training -- I've
 9. been there 26 years in May and dealing with those
 10. same boilers. So I'm pretty much the one that kind
 11. of goes over a lot of that with security and all
 12. too.
 13. CHAIRMAN MORELOCK: Okay. So you do
 14. that for new and --
 15. MR. HARPER: Yes.
 16. CHAIRMAN MORELOCK: -- annual?
 17. MR. HARPER: Yes, sir.
 18. CHAIRMAN MORELOCK: You just want to
 19. make sure that's captured and -- so that we can
 20. close that look and see that on a training record.
 21. MR. HARPER: Okay.
 22. CHAIRMAN MORELOCK: Okay? And that's
 23. all I have. Any other questions or comments?
 24. MR. BAUGHMAN: Is there ever a time
 25. when the remote monitoring is not manned? In other

1. words, the waiting room --

2. MR. NEVILLE: Liaison.

3. MR. BAUGHMAN: -- liaison, are they

4. there 24/7?

5. MR. HARPER: Yes.

6. MR. BAUGHMAN: Okay.

7. CHAIRMAN MORELOCK: Well, and there

8. is a statement in this manual that says, if they're

9. taken away from their post, you have to operate the

10. boiler on 20-minute rule.

11. MR. BAUGHMAN: Okay.

12. MR. HARPER: But there's always

13. somebody. If they had to leave or something, they

14. call somebody down there to monitor, that has been

15. trained in, too. They can't just up and just walk

16. to the restroom and leave that unattended --

17. CHAIRMAN MORELOCK: Right.

18. MR. HARPER: -- at all.

19. CHAIRMAN MORELOCK: Okay. Any other

20. questions or comments? Okay. We need a motion to

21. proceed.

22. MR. BAUGHMAN: I would make a notion

23. to proceed contingent upon the --

24. MR. ROBINSON: Comments?

25. MR. BAUGHMAN: Inspection.

1. MR. ROBINSON: And comments.

2. CHAIRMAN MORELOCK: Okay.

3. MR. BAUGHMAN: And comments, yeah.

4. CHAIRMAN MORELOCK: Do I have a

5. second? Okay.

6. MR. ROBINSON: (Second by hand

7. motion.)

8. CHAIRMAN MORELOCK: I have a second.

9. Any more questions or comments? I'll call the

10. question. All in favor, say "aye".

11. MR. BAUGHMAN: Aye.

12. MR. ROBINSON: Aye.

13. DR. JOHNSON: Aye.

14. CHAIRMAN MORELOCK: Opposed?

15. Abstentions? Not voting? You have a contingently

16. approved variance. Renewed variance.

17. MR. NEVILLE: Thank you.

18. CHAIRMAN MORELOCK: All right. I

19. have been asked that we let you guys have a

20. 10-minute break. So we'll resume at ten four -- at

21. nine -- yeah, 10:40.

22. (Recess observed.)

23. CHAIRMAN MORELOCK: All right,

24. everybody. Let's get ready to get back to business

25. here. All right. Our next Item is 16-04 from

1. TriStar Skyline Medical Center, and they're

2. requesting a variance or a renewal; is it a renewal?

3. MR. NEVILLE: This one is. They've

4. had a previous variance. So during the last boiler

5. board meeting, there was a questions about ones that

6. have gone passed the three years. So we presented

7. this as a new one; we didn't create an index of all

8. the changes. But they have had a variance

9. previously in -- at Skyline Medical Center.

10. CHAIRMAN MORELOCK: Okay.

11. MR. NEVILLE: But I'll go over

12. briefly our request. Skyline is located here in

13. Nashville, Tennessee. It's a hospital -- it's an

14. acute care hospital employing approximately 900

15. staff. The hospital operates two high-pressure

16. boilers. These boilers operate on demand 24 hours a

17. day, seven days a week, and they furnish steam for

18. space heating, potable water, heating, and dietary

19. equipment sterilizers and humidifiers.

20. The boiler room is located

21. approximately 400 feet from the PBX where they're

22. monitoring the boilers from. The individual that

23. will be over the variances is Phil Arthur and he's

24. with us here today. He's the manager of plant

25. operations.

1. The individuals that will be

2. responsible for manning the remote station will be

3. the PBX operators and the communication

4. supervisors. Their job description is detailed in

5. Appendix G. And the titles that will be

6. monitoring, both operating and monitoring the

7. boilers as a boiler attendant are listed in page

8. seven. And those will be the plant operations

9. technicians two and three. The security

10. supervisor will do monitoring only. The security

11. officer will do monitoring, and the control room

12. coordinator will do the monitoring of the boilers.

13. The emergency call list on page 11

14. lists the plant operations tech, the manager of

15. plant operations, and the director of facilities

16. management. Are there any questions on our

17. variance request?

18. CHAIRMAN MORELOCK: Okay. We'll have

19. a motion to --

20. MR. ROBINSON: Motion to discuss,

21. please.

22. CHAIRMAN MORELOCK: Okay. Second?

23. MR. BAUGHMAN: Second.

24. CHAIRMAN MORELOCK: All right.

25. MS. BENNETT: You didn't --

1. CHAIRMAN MORELOCK: Oh. Thank you.
2. Thank you. Are there any conflicts of interest?
3. MR. BAUGHMAN: I need to ask a
4. question before I --
5. CHAIRMAN MORELOCK: Okay.
6. MR. BAUGHMAN: -- we do that. Phil,
7. do you know if any of your personnel have been to
8. the Boiler Training School?
9. MR. ARTHUR: No, sir. I don't
10. believe so.
11. MR. BAUGHMAN: Very good. I have no
12. conflict.
13. CHAIRMAN MORELOCK: Okay. All right.
14. Okay. So the floor is open. And before we start
15. discussing, I just have one question.
16. MR. ROBINSON: Go ahead.
17. CHAIRMAN MORELOCK: On page I-5,
18. there's a list of revisions. So is that revisions
19. like you would see in a renewal or is this revisions
20. to the manual as part of the new variance?
21. MR. NEVILLE: Those were revisions
22. when we were thinking that this was a renewal.
23. CHAIRMAN MORELOCK: Okay.
24. MR. NEVILLE: So those are the items
25. that were updated from --

1. CHAIRMAN MORELOCK: Okay.
2. MR. NEVILLE: -- the previous.
3. CHAIRMAN MORELOCK: Okay.
4. MR. NEVILLE: So --
5. CHAIRMAN MORELOCK: So we'll just
6. consider those as updates for the new --
7. MR. NEVILLE: Yes.
8. CHAIRMAN MORELOCK: Okay. Thank you.
9. Any other questions, comments? Go ahead.
10. MR. BAUGHMAN: On -- there's not a
11. page, but it's the boiler plant contact information.
12. MR. NEVILLE: On --
13. MR. BAUGHMAN: Yeah. There's no page
14. number. It's --
15. MR. NEVILLE: Is this in Appendix K?
16. Or -- well --
17. MR. BAUGHMAN: Yeah. This would
18. be --
19. MR. NEVILLE: Or Appendix L?
20. MR. BAUGHMAN: Yeah. Appendix L.
21. MR. NEVILLE: The -- this --
22. Appendix L was put in here -- this was the training
23. program, and Phil can probably elaborate on how they
24. train those that are involved in the operations.
25. MR. BAUGHMAN: Okay. Well, my

1. specific question is under the boiler plant contact
2. information, it's updated July 24th of 2012?
3. MR. ROBINSON: Is that page 11,
4. David?
5. MR. NEVILLE: Yes.
6. MR. ROBINSON: No. What page is
7. that?
8. MR. BAUGHMAN: Well, it's not -- it
9. doesn't have a page.
10. MR. NEVILLE: Well --
11. MR. BAUGHMAN: That's what I'm
12. saying.
13. MR. NEVILLE: -- this is --
14. MR. BAUGHMAN: It's under Appendix L.
15. MR. NEVILLE: This is Appendix L.
16. This was a training program that they used to train
17. under boiler operations. So it's really not
18. training pertaining necessarily to the variance --
19. MR. BAUGHMAN: Uh-huh.
20. MR. NEVILLE: But this is training
21. that they do to train their employees.
22. MR. BAUGHMAN: Okay. All I was
23. getting at was the last updated boiler plant contact
24. information is July 24th of 2012, and I didn't know
25. about getting a more current --

1. MR. NEVILLE: Right.
2. MR. BAUGHMAN: -- updated list
3. available and especially down at the bottom where it
4. says, boiler inspector Billy Packett.
5. MR. ARTHUR: Yeah.
6. MR. BAUGHMAN: I don't believe
7. Billy's actively the inspector anymore.
8. MR. ARTHUR: We can definitely update
9. that.
10. MR. BAUGHMAN: Okay.
11. MR. NEVILLE: Yes.
12. CHAIRMAN MORELOCK: It's a very nice
13. training program though.
14. MR. ARTHUR: We've had very good
15. success with it. Thank you.
16. CHAIRMAN MORELOCK: What else?
17. MR. ROBINSON: Page 11, can you put
18. where the duty lists can be found for the recall?
19. MR. NEVILLE: Yes. That would be at
20. the remote station.
21. MR. ROBINSON: Yes.
22. MR. ARTHUR: Yes.
23. MR. NEVILLE: But I will update that.
24. MR. ARTHUR: They have that both at
25. the remote station as well as the -- where the

Page 101

1. manual is kept in the boiler room itself.
2. MR. ROBINSON: Yes, sir. Okay. On
3. the testing, you've got alarm testing on the check
4. sheet.
5. MR. ARTHUR: Yeah. I picked up on
6. that, too. I'm going to change that to LWCO --
7. MR. ROBINSON: Yes, sir.
8. MR. ARTHUR: -- for each boiler?
9. Yeah.
10. MR. ROBINSON: Now, I have a -- I had
11. a page right after nine that I don't think you meant
12. to include. I don't know if everybody else got it.
13. I call it 9A. Did you get it, David?
14. MR. BAUGHMAN: No, sir.
15. CHAIRMAN MORELOCK: No.
16. MR. ROBINSON: You didn't.
17. CHAIRMAN MORELOCK: You got a special
18. manual?
19. MR. ROBINSON: Yeah.
20. MR. NEVILLE: Is that --
21. MR. ROBINSON: It was a letter from
22. somebody. Let's see.
23. MR. NEVILLE: Really? I did have
24. CCAD bind those --
25. MR. ROBINSON: No, it wasn't.

Page 102

1. MR. NEVILLE: -- manuals together.
2. So they're --
3. MR. ROBINSON: It's the other one.
4. No, it was the other one.
5. CHAIRMAN MORELOCK: He's just
6. checking to see if you're sight reading all the
7. pages?
8. MR. ROBINSON: Yeah, it was the other
9. one. Okay. Oh. Here it is. From Rick Wade of
10. Denmark.
11. MR. NEVILLE: Of Denmark?
12. MR. ROBINSON: Yeah.
13. MR. NEVILLE: I don't believe --
14. CHAIRMAN MORELOCK: All right. They
15. may want that back.
16. MR. ROBINSON: I apologize. It was
17. there, though.
18. MR. NEVILLE: That's news to me.
19. I'll have to --
20. CHAIRMAN MORELOCK: Okay.
21. MR. ROBINSON: That's all I have,
22. sir.
23. CHAIRMAN MORELOCK: Is that all you
24. have?
25. MR. ROBINSON: Yes, sir.

Page 103

1. CHAIRMAN MORELOCK: In Appendix G.
2. MR. NEVILLE: Yes.
3. CHAIRMAN MORELOCK: You may want to
4. list -- because you -- it's in here. You list
5. annual boiler variance training under education on
6. the job descriptions.
7. MR. NEVILLE: Yes.
8. CHAIRMAN MORELOCK: And the PBX job
9. description has it, but the other job
10. descriptions -- I thought that was a pretty good
11. statement where you're putting that annual training
12. in for all your --
13. MR. NEVILLE: Yes.
14. CHAIRMAN MORELOCK: -- floor
15. operators and everything. That was a good
16. statement. So you may want --
17. MR. NEVILLE: Okay.
18. CHAIRMAN MORELOCK: -- to be
19. consistent and have it under all your job
20. descriptions.
21. MR. NEVILLE: Okay.
22. CHAIRMAN MORELOCK: And again, my
23. question that you answered on the last variance,
24. just clarify the -- how the monitoring of the
25. boilers by the security officers and things, how

Page 104

1. that works so we'll understand that. That's all I
2. had.
3. MR. BAUGHMAN: Under Appendix A on
4. page A-1 -- and I see that we're operating a DA, but
5. there's no DA information under the data sheet. I'd
6. just like that to be --
7. MR. NEVILLE: We can add that
8. information.
9. MR. BAUGHMAN: -- added, if we would.
10. CHAIRMAN MORELOCK: Anything else?
11. All right. Do we have a motion?
12. MR. ROBINSON: Yeah, a motion to
13. accept contingent upon incorporating the comments
14. and review.
15. CHAIRMAN MORELOCK: Okay.
16. MR. BAUGHMAN: Second.
17. CHAIRMAN MORELOCK: All right. I
18. have a second. Any more comments or questions? All
19. right. Hearing none, we'll call the question. All
20. in favor say "aye".
21. MR. BAUGHMAN: Aye.
22. MR. BAUGHMAN: Aye.
23. DR. JOHNSON: Aye.
24. CHAIRMAN MORELOCK: Opposed?
25. Abstentions? Not voting? All right. Gentlemen,

1. you have a contingently approved boiler variance.
2. MR. NEVILLE: Thank you.
3. CHAIRMAN MORELOCK: All right. Our
4. next Item is 16-05, Saint Thomas West Hospital
5. requests a variance.
6. MR. NEVILLE: Again, I'm
7. James Neville with Neville Engineering.
8. MR. FOREMAN: Greg Foreman, Saint
9. Thomas Midtown and West Hospital.
10. CHAIRMAN MORELOCK: Okay. Are there
11. any conflicts of interest on this item? Okay.
12. We'll proceed.
13. MR. NEVILLE: Our request here is for
14. a new variance for Saint Thomas Midtown -- Saint
15. Thomas West. The hospital operates three
16. high-pressure boilers. These boilers operate on
17. demand 24 hours a day, seven days a week, and they
18. furnish high-pressure steam for space heating,
19. potable water heating, dietary equipment,
20. sterilizers, and humidification.
21. The proposed remote station is at the
22. PBX switchboard, which is approximately 600 feet
23. from the boiler plant. The switchboard is staffed
24. by PBX operators. They will serve as the remote
25. station attendant, and the boiler operators are

1. classified by Saint Thomas West as the power plant
2. lead and the power plant specialist. They will be
3. monitoring the boilers and doing the required
4. four-hour checks.
5. Now, the facility may monitor those
6. boilers at a frequency of --
7. MR. FOREMAN: More often --
8. MR. NEVILLE: -- more often --
9. MR. FOREMAN: -- due to weather --
10. extreme weather conditions.
11. MR. NEVILLE: -- than the four-hour
12. checks.
13. CHAIRMAN MORELOCK: Okay.
14. MR. NEVILLE: But -- so that pretty
15. much is a brief overview of how they plan on
16. monitoring those boilers with the -- under the
17. variance.
18. CHAIRMAN MORELOCK: Okay.
19. MR. NEVILLE: And if you have any
20. questions, we can answer those.
21. CHAIRMAN MORELOCK: All right. Do we
22. have a motion?
23. MR. ROBINSON: Motion to discuss.
24. CHAIRMAN MORELOCK: Second?
25. MR. BAUGHMAN: Second.

1. CHAIRMAN MORELOCK: Do I have a
2. second? All right. Floor is open. What's your
3. comments and questions? Go ahead, Eugene.
4. MR. ROBINSON: Mr. Neville, again,
5. with the list of the duties, the duty list page, I
6. guess I --
7. MR. NEVILLE: Yeah.
8. MR. ROBINSON: -- picked up on that.
9. MR. NEVILLE: Yes.
10. MR. ROBINSON: Honed in on that. And
11. as a question, you guys use the natural gas and you
12. also use oil.
13. MR. FOREMAN: Yes.
14. MR. ROBINSON: How often are you
15. tuning the boiler up, just out of curiosity?
16. MR. FOREMAN: The boiler's tuned at
17. least once a year, usually before winter and
18. sometime during the spring.
19. MR. ROBINSON: And that's with both
20. fuels?
21. MR. FOREMAN: Yes.
22. MR. ROBINSON: Okay.
23. MR. FOREMAN: Uh-huh. Boiler Supply
24. Company services, pins, responds to any repairs,
25. emergencies that we have.

1. MR. ROBINSON: Okay.
2. MR. FOREMAN: And has been
3. longstanding contractor for us.
4. MR. ROBINSON: What's your normal
5. operation for pressure?
6. MR. FOREMAN: Eighty pounds at West.
7. MR. ROBINSON: Is it? Okay. Are you
8. testing low water cutoff daily?
9. MR. FOREMAN: Yeah. There's a column
10. on the log sheet for that -- to the last column for
11. that. Yes, sir.
12. MR. ROBINSON: Okay. Yeah. That's
13. all I have.
14. CHAIRMAN MORELOCK: Okay. Any other
15. questions or comments? Question I have is who
16. maintains the training records?
17. MR. FOREMAN: Boiler plant lead,
18. and --
19. CHAIRMAN MORELOCK: Okay.
20. MR. FOREMAN: -- they're kept in the
21. facility manager's office.
22. CHAIRMAN MORELOCK: Okay. Just make
23. sure that that's clear throughout the manual.
24. MR. FOREMAN: Okay. That's another
25. part of the -- another piece of the Joint Commission

1. requirements, you know, of all the training for all
 2. the employees.
 3. CHAIRMAN MORELOCK: And who trains
 4. the remote monitors? Same?
 5. MR. FOREMAN: The switchboard
 6. director trains the operators.
 7. CHAIRMAN MORELOCK: Okay.
 8. MR. FOREMAN: But the boiler plant
 9. lead, Gary Lewis, will be training those operators.
 10. CHAIRMAN MORELOCK: Okay.
 11. MR. FOREMAN: And I have already met
 12. with the director and explained a process. Luckily,
 13. I've got a lot of experience with it. And one thing
 14. I can appreciate being the last on the agenda here
 15. is how thorough the Board is now. Because when I
 16. was here in '91 to do this and had 15 years on the
 17. boiler variance, it was a great process. So those
 18. 15 years I've been able to pass on to both campuses,
 19. Midtown and West, here's what to expect. You know
 20. what I mean? And it was a great system. So
 21. they're -- they've all agreed no problem.
 22. CHAIRMAN MORELOCK: Okay. Yeah.
 23. Just make sure your manual's clear. And again,
 24. make -- you know, consistency and all of that. So
 25. that was my --

1. MR. FOREMAN: Yes.
 2. CHAIRMAN MORELOCK: That was my
 3. comments.
 4. MR. FOREMAN: Uh-huh.
 5. CHAIRMAN MORELOCK: Anything else?
 6. All right. Hearing none, do I have a motion to
 7. proceed?
 8. MR. ROBINSON: Motion -- go ahead --
 9. DR. JOHNSON: In sync.
 10. MR. ROBINSON: -- Dr. Johnson. Go
 11. ahead, sir.
 12. DR. JOHNSON: You want me to make the
 13. motion?
 14. MR. ROBINSON: Oh. I thought you
 15. were going to say something.
 16. DR. JOHNSON: No, no, no. I thought
 17. you were asking me to make the motion and that you
 18. were --
 19. MR. ROBINSON: Motion to --
 20. DR. JOHNSON: Yeah. I thought you
 21. were making the motion.
 22. MR. ROBINSON: -- adopt contingent
 23. upon incorporation of comments and site review.
 24. DR. JOHNSON: Yeah. And I was ready
 25. to second.

1. CHAIRMAN MORELOCK: Okay. All right.
 2. Are there any other questions, comments on this
 3. variance? All right. Hearing none, I'm going to
 4. call the question, all in favor say "aye".
 5. MR. ROBINSON: Aye.
 6. DR. JOHNSON: Aye.
 7. DR. JOHNSON: Aye.
 8. CHAIRMAN MORELOCK: Opposed?
 9. Abstentions? Not voting? All right. Gentlemen,
 10. you have a contingently approved variance, as well.
 11. MR. ROBINSON: Very good.
 12. CHAIRMAN MORELOCK: What?
 13. MR. ROBINSON: Very good.
 14. CHAIRMAN MORELOCK: It was good.
 15. MR. FOREMAN: My prior experience
 16. taught us a lot.
 17. MR. ROBINSON: And it shows. It
 18. really does. It shows.
 19. CHAIRMAN MORELOCK: Our next Item is
 20. 16-06, Saint Thomas Midtown Hospital also requesting
 21. a variance.
 22. MR. NEVILLE: Yes. This is a request
 23. for a new variance at Midtown. The -- Midtown is
 24. located here in Nashville, Tennessee, and they
 25. operate three high-pressure boilers on demand 24

1. hours a day, seven days a week furnishing
 2. high-pressure steam for space heating, potable water
 3. heating, dietary equipment, sterilizers, and
 4. humidification.
 5. The -- in Figure 1 of the site plan
 6. shows the distance from the remote station at the
 7. security dispatch center to the boiler room, and
 8. that's approximately 425 feet away. The
 9. individuals that will be staffed at -- will be
 10. security officers at the remote station and the
 11. individuals at the -- that will be classified as
 12. boiler attendants will be the power plant lead,
 13. power plant specialist, and the supervisor. Those
 14. three positions. Are there any questions
 15. regarding that or anything?
 16. CHAIRMAN MORELOCK: Okay. So motion
 17. to --
 18. MR. ROBINSON: Motion to discuss.
 19. CHAIRMAN MORELOCK: Second?
 20. MR. BAUGHMAN: Second.
 21. CHAIRMAN MORELOCK: I have a second.
 22. Okay. Is there a conflict of interest? Okay.
 23. Hearing none, go ahead, Eugene.
 24. MR. ROBINSON: Midtown, let's see,
 25. I'm going to add the comments for the testing of the

1. low water cutoff, but I'm sure you'll tell me it's
 2. in here, right?
 3. MR. FOREMAN: It's on the bottom
 4. right corner of the log sheet.
 5. MR. ROBINSON: And this is also
 6. daily, correct?
 7. MR. FOREMAN: Yes.
 8. MR. ROBINSON: Okay.
 9. MR. FOREMAN: It's performed on third
 10. shift.
 11. MR. ROBINSON: Okay. And you've got
 12. one 260 and two 250s.
 13. MR. NEVILLE: Regarding that boiler
 14. log sheet.
 15. MR. ROBINSON: Yes, sir.
 16. MR. NEVILLE: The times on this will
 17. change to every four hours. So -- on this log
 18. sheet, this is the existing log sheet, and the --
 19. we'll be adding every four hours instead of the
 20. timeframe. So that is a change we will need to --
 21. CHAIRMAN MORELOCK: Okay.
 22. MR. NEVILLE: -- implement.
 23. MR. ROBINSON: I'm trying to figure
 24. it out. I'm looking at it. It says, date, but then
 25. it's hours up at the top. Hold up. I'm --

1. MR. NEVILLE: So --
 2. MR. ROBINSON: What is that?
 3. MR. NEVILLE: -- we'll be adding
 4. columns for every four hours. So --
 5. MR. ROBINSON: So are you going to
 6. take away the date or -- I mean, you see what I'm
 7. saying?
 8. MR. NEVILLE: Right. We'll leave the
 9. date, but we'll add columns where the 600 hours is
 10. set right now, we're going to add more columns to
 11. show more -- the every four-hour frequency.
 12. MR. ROBINSON: Okay. And then low
 13. water cutoff would be within that 24-hour --
 14. MR. NEVILLE: Yes.
 15. MR. ROBINSON: -- span?
 16. MR. NEVILLE: Yeah.
 17. MR. FOREMAN: Uh-huh. And one
 18. thing -- in listening to your earlier comments --
 19. MR. ROBINSON: Yes, sir.
 20. MR. FOREMAN: -- that I learned, too,
 21. is between the two hospital and the differences of
 22. log sheets --
 23. MR. ROBINSON: Yes, sir.
 24. MR. FOREMAN: -- we're also in the
 25. process trying to standardize all of the operations

1. across facilities at both hospitals.
 2. MR. ROBINSON: Very nice.
 3. CHAIRMAN MORELOCK: Yeah.
 4. MR. FOREMAN: For more efficiencies
 5. and training, the best practices, resources and
 6. everything. And --
 7. MR. ROBINSON: So you're thinking
 8. about --
 9. MR. FOREMAN: We're going to --
 10. MR. ROBINSON: -- incorporating the
 11. West --
 12. MR. FOREMAN: Well, we're going to --
 13. there are good parts on both. We're going to
 14. combine and have it standardized and turn that
 15. landscape. We have more space to log all the
 16. information. So --
 17. MR. ROBINSON: Yeah. I would --
 18. MR. FOREMAN: I can see a lot of
 19. advantages to having it standardized for both,
 20. especially when it comes to the Board. You know.
 21. MR. ROBINSON: I would suggest taking
 22. West because --
 23. MR. FOREMAN: Yes.
 24. MR. ROBINSON: -- Midtown is a little
 25. confusing.

1. MR. FOREMAN: Right. Yeah. I like
 2. the way that West is. Plus the -- even though we're
 3. going to do four hours, we're going to have more
 4. gaps in there to where we can add more information,
 5. because we're -- we have such an intense energy
 6. conservation program and we like to see where the
 7. percent firing rate is at the different temperatures
 8. and loads on the building to know whether our loads
 9. are gaining over time and what our capacities are.
 10. MR. ROBINSON: Is there any plans to
 11. upgrade the 1958 unit or are you pretty happy with
 12. the output on it?
 13. MR. FOREMAN: I'm pretty happy with
 14. that. And actually, our energy conservation program
 15. took our energy star from 13 to 78 over a six-year
 16. period. And with the combination of studying all
 17. the infrastructure, heating, cooling, and the loads,
 18. we've been actually able to reduce our boiler load
 19. 38 percent.
 20. MR. ROBINSON: Really.
 21. MR. FOREMAN: Okay? That's almost
 22. two million a year we've been able to save --
 23. MR. ROBINSON: Wow.
 24. MR. FOREMAN: -- on utilities.
 25. MR. ROBINSON: That's fantastic. You

Page 117

1. must either have an excellent water treatment
2. program.
3. MR. FOREMAN: Oh, yes. Nashville
4. Chemical.
5. MR. ROBINSON: Really?
6. MR. FOREMAN: Uh-huh.
7. MR. BAUGHMAN: Good company.
8. MR. ROBINSON: Okay. No further
9. questions.
10. MR. BAUGHMAN: On page three, it
11. says, Saint Thomas Hospital Midtown will install.
12. Is this something they're going to install or has
13. installed or will?
14. MR. FOREMAN: Will.
15. MR. NEVILLE: Will.
16. SPEAKER 3: Will. So it has not --
17. MR. NEVILLE: Yes.
18. MR. BAUGHMAN: -- been installed yet?
19. MR. FOREMAN: No. The parts have
20. just arrived.
21. MR. BAUGHMAN: Gotcha.
22. MR. FOREMAN: And we plan to have
23. that installed, tested, and paid for by June 30 due
24. to capital --
25. MR. BAUGHMAN: Very good.

Page 118

1. MR. FOREMAN: You know.
2. MR. BAUGHMAN: Well, then that leads
3. to me to my next, which would be the boiler logs
4. under Appendix F, F-1. That leads me that we're
5. operating under the 20-minute rule, but are we only
6. operating or logging at once every eight hours?
7. MR. FOREMAN: Every eight hours, yes.
8. MR. BAUGHMAN: Okay.
9. MR. FOREMAN: Yeah, I questioned
10. that, myself, to the boiler plant.
11. MR. BAUGHMAN: Yeah. Well, if
12. they're in there -- yeah. At any rate, no
13. documentation on them being in there consistently
14. except once every eight hours. Okay.
15. MR. FOREMAN: They never leave the
16. boiler plant. So --
17. MR. BAUGHMAN: Sure.
18. CHAIRMAN MORELOCK: Okay.
19. MR. BAUGHMAN: Under boiler attendant
20. procedures on page seven, it says the power plant
21. lead is responsible for boiler attendant training.
22. And then it says the boiler attendant F at the top,
23. it says the boiler attendant is a trained, qualified
24. individual. And I just wanted clarification on that
25. trained and qualified, who trains them and what

Page 119

1. delineates qualification.
2. MR. FOREMAN: Right. That's a good
3. question. There is a job description in here, and
4. it's kind of short and sweet. I'm used to more
5. detailed, but HR says, this is what we want to see
6. in here. The boiler -- the fact that we have five
7. boiler operators at both Midtown and West to cover
8. all the shifts. The years of service range from
9. eight to 36. Most of them are in the 20- to 30-year
10. range. When we hire a new boiler operator or plant
11. operator, we do not assume and have not assumed that
12. their prior experience, whether it been industrial,
13. process manufacturing, or something else was okay.
14. We have too big a high risk for a hospital. So they
15. work with the boiler plant lead for a month before
16. they're allowed to go on their shift by themselves.
17. We also have -- we've developed years
18. ago a manual on what if different emergency
19. conditions existed, and they practice and go
20. through that so it's not a big surprise what to do
21. if. And don't assume; always refer to that on
22. every step for every emergency. So --
23. MR. ROBINSON: So you guys simulate.
24. MR. FOREMAN: We simulate, yes.
25. Uh-huh.

Page 120

1. MR. ROBINSON: I understand.
2. MR. BAUGHMAN: Thank you, and that's
3. good. Under G-2, under the power plant lead job, it
4. says that he also -- this is under responsibilities;
5. that the power plant lead opens the boilers annually
6. for inspection and calibrates the fuel/air ratios.
7. Just didn't know if that's actually true; is he
8. doing the actual adjustments on the combustion
9. himself or if that's contracted out?
10. MR. FOREMAN: He can. We have -- we
11. check the CO on it and especially for tuning. And
12. Boiler Supply is the one that we rely on
13. predominantly.
14. MR. BAUGHMAN: Super.
15. MR. FOREMAN: Knowing the history,
16. they're very attuned to all the personalities and
17. the different ages of equipment.
18. MR. ROBINSON: Very nice.
19. MR. BAUGHMAN: Is there ever a time
20. when the security officer himself is the one that's
21. attending the monitoring system?
22. MR. FOREMAN: Never.
23. MR. BAUGHMAN: Okay.
24. MR. FOREMAN: It's always a -- what
25. we call a trained boiler plant operator who's

1. available on site all the time.
2. MR. BAUGHMAN: That's monitoring the
3. system, the remote monitoring --
4. MR. FOREMAN: Yes.
5. MR. BAUGHMAN: -- system?
6. MR. FOREMAN: Well, the remote
7. monitoring is in the security dispatch center, but
8. the boiler plant operator is on site 24/7.
9. MR. BAUGHMAN: Right. What I was
10. looking at --
11. MR. FOREMAN: Yes.
12. MR. BAUGHMAN: -- was the -- just the
13. job duties of the security officer. He's scheduled
14. to perform -- he can make rounds, he's the only one
15. that's armed. What I'm looking at is if there's
16. ever a time when there's a situation at the hospital
17. which might warrant the disposition of the security
18. officer to leave and go attend a situation if
19. there's personnel at the monitoring station all the
20. time.
21. MR. FOREMAN: The security dispatch
22. center, if you were there, looks like a control
23. center. There's always a minimum of one person in
24. there at all times, and they have an array of
25. high-priority different types of alarm systems.

1. They also cover the security dispatch for West
2. Hospital, even though it's based in Midtown, and
3. they're very well trained on fire alarm systems,
4. other alarms. Even though our switchboard at
5. Midtown has some alarms, the priority are handled by
6. security, and no one is allowed to leave that
7. security dispatch.
8. MR. BAUGHMAN: Very good.
9. MR. FOREMAN: There -- sometimes
10. there are two, but we have a number of officers on
11. duty all the time, and they rotate. So there is a
12. lot of cross-training between all the shifts.
13. CHAIRMAN MORELOCK: I just had a
14. couple. Same comment I had on the last manual. The
15. power plant lead handles training of the boiler
16. operators. Just clarify who handles training for
17. the remote monitors.
18. MR. FOREMAN: Bill Ingram, who is the
19. power plant lead at Midtown, would do the same thing
20. with the security officers that Gary Lewis does with
21. the switchboard operators at West.
22. CHAIRMAN MORELOCK: Okay.
23. MR. FOREMAN: And I've met with the
24. security director, and everybody's in agreement. I
25. met with the lead sergeant, and he's fine with that.

1. So --
2. CHAIRMAN MORELOCK: Okay. On page
3. seven, you list who the boiler attendants may be,
4. and C being a supervisor; is that the HVAC
5. supervisor?
6. MR. FOREMAN: Yes, we have HVAC
7. supervisor on site.
8. CHAIRMAN MORELOCK: Right. And
9. that's -- I mean, that would match what's on the
10. organizational chart and D-1. And so I don't see a
11. job description for the HVAC supervisor in
12. Appendix G.
13. MR. NEVILLE: We will need to add
14. that one.
15. CHAIRMAN MORELOCK: Yeah.
16. MR. NEVILLE: As the HVAC supervisor.
17. CHAIRMAN MORELOCK: Just to complete
18. that whole loop there where you're listing them in
19. the --
20. MR. FOREMAN: You say --
21. CHAIRMAN MORELOCK: -- page seven,
22. organizational chart, and then also duties in
23. Appendix G as far as they're job description. So --
24. and that's all I have. Yes, sir.
25. MR. BAUGHMAN: And I may be missing

1. this in my manual, but under I-4, remote monitoring,
2. this is under the --
3. MR. FOREMAN: Checklist.
4. MR. BAUGHMAN: -- checklist. Item
5. Number 35 where it says Appendix G, page five and
6. six is the reference.
7. MR. NEVILLE: I believe that's --
8. well, Appendix G but also page five and six of the
9. manual.
10. CHAIRMAN MORELOCK: Okay.
11. MR. NEVILLE: Not necessarily
12. Appendix G.
13. CHAIRMAN MORELOCK: Yeah.
14. MR. NEVILLE: So --
15. MR. BAUGHMAN: Gotcha.
16. MR. FOREMAN: I think that's where
17. the --
18. CHAIRMAN MORELOCK: Yeah. That would
19. make sense.
20. MR. BAUGHMAN: Okay.
21. MR. NEVILLE: So we describe -- it
22. probably should be, you know, page five and six and
23. then, comma, Appendix G, as far as the order. So --
24. MR. BAUGHMAN: Okay. I was just a
25. little confused when I went -- and you're right

1. though, but -- yeah. If there's better
2. identification of that, that's great.
3. MR. NEVILLE: Okay.
4. CHAIRMAN MORELOCK: Okay. Any other
5. questions or comments? Okay. Do we have a motion
6. to proceed?
7. DR. JOHNSON: So moved. Contingent
8. on the corrections and the inspection.
9. CHAIRMAN MORELOCK: Okay. I've got a
10. motion. Do I have a second?
11. MR. ROBINSON: Second.
12. CHAIRMAN MORELOCK: All right. We
13. have a second. Any other questions or comments?
14. I'm going to call the question, all in favor say
15. "aye".
16. MR. ROBINSON: Aye.
17. MR. BAUGHMAN: Aye.
18. DR. JOHNSON: Aye.
19. CHAIRMAN MORELOCK: Opposed?
20. Abstentions? Not voting? All right. You have a --
21. MR. FOREMAN: Thank you.
22. CHAIRMAN MORELOCK: -- contingent
23. variance for this side, as well.
24. MR. NEVILLE: Thank you.
25. CHAIRMAN MORELOCK: Okay. That

1. concludes our New Business items. So we'll move on
2. to Item 9, which is our Open Discussion Items. And
3. our first item is an update the fall conference.
4. MS. RHONE: Yes. Name's
5. Deborah Rhone and I wanted to say that the
6. Administrator Jefferson and the Assistant
7. Administrator had to go to the legislative. That's
8. why they're absent right now.
9. Okay. Regarding the 2016 Conference
10. Update, we do have a tentative date of
11. September 19th through the 22nd. And after
12. researching the use of an event planner services,
13. we are now moving toward the division hosting the
14. fall conference for the deputy and special
15. inspectors and other persons of interest. With
16. this being the reestablishment, because the last
17. conference was in 2008, this year's conference
18. will be held here in Nashville. We have a -- the
19. host hotel tentatively will be the Maxwell
20. Millennium Hotel.
21. And for, let's say, day one, we would
22. have deputy inspector training; that would be that
23. Monday. And then Tuesday, September 20th, the
24. trainings would begin at 8:30 and would continue
25. until 4:30. There would be a reception at 6:00 on

1. Tuesday night. And then on Wednesday, we would
2. host the Board of Boiler Rules meeting for the
3. morning from 9:00 to 12:00, and then from 1:30 to
4. 4:30, there would be technical training and then
5. another reception perhaps at 6:00 p.m. on that
6. Wednesday.
7. Thursday, September 22nd, we would
8. have technical state and national trainings for
9. that entire day, and then we would host a banquet
10. from 6:00 to 8:30. Now, the actual trainings and
11. the board meetings will be here on site at this
12. building. We have a Pearl Room that's on the
13. first floor; it's on the other end. That's
14. fairly -- it's a really nice, large room. That's
15. where the training would be held. The Board
16. meetings perhaps would be in the next room; we're
17. checking on the location of that, and that's the
18. Tennessee Room?
19. MS. BENNETT: It is.
20. MS. RHONE: The Tennessee Room. So
21. we're checking to make sure that that's available,
22. because that's a much larger room than this board
23. room.
24. And as far as the breaks and the
25. receptions, we would either host them down here or

1. up on the second floor if anyone's been up on the
2. second floor, we have a really nice landing.
3. The banquet, of course, would be
4. hosted at the Maxwell House on that Thursday, we
5. would do that. We've also formed a conference
6. committee, and we have subcommittees, like we have
7. a budget and finance committee, we have
8. presenters, marketing, registration, the shirt,
9. for food. We have those subcommittees. And of
10. course, if there's anyone that would like to
11. volunteer to serve on any of those committees, we
12. welcome them, as well as making any
13. recommendations regarding presenters, whether it's
14. state presenters, national presenters, that as
15. well.
16. And the additional information is
17. forthcoming. There's still some logistics and
18. some other things we're working out. And of
19. course, at a later date, we'll have more
20. information to report. But we are excited about
21. the fact that we're going to be hosting that this
22. year.
23. CHAIRMAN MORELOCK: That's great
24. news.
25. MR. ROBINSON: What presenters do you

1. have already on the agenda, just out of curiosity?
 2. MS. RHONE: Right now, we haven't
 3. actually set the agenda. We're going to try to go
 4. with the same format that we've used in the past
 5. unless there's some other suggestions. Sam is
 6. taking a look at the information from national
 7. board, as well as, he's going to be attending that
 8. meeting in May. So he's going to be
 9. point-of-contact regarding the presenters
 10. nationally, but then we're going to also, you know,
 11. open for suggestions, because we know we do have
 12. some really good presenters and people here in the
 13. State of Tennessee, as well, that could share very
 14. informative information. So we're open for
 15. suggestions on the agenda. Nothing has been
 16. definitely set. But we did want to kind of go in
 17. the same format that we had in the past, because
 18. that seemed to be successful.
 19. MR. ROBINSON: Is Shelby County
 20. invited?
 21. MS. RHONE: Of course. Shelby
 22. County --
 23. MR. ROBINSON: Memphis.
 24. MS. RHONE: Yes.
 25. MR. ROBINSON: Good. Good.

1. budget personnel for our department and that
 2. information, we'll have to provide at a later date.
 3. CHAIRMAN MORELOCK: Okay.
 4. MR. ROBINSON: Okay.
 5. MR. BAUGHMAN: Deborah, so the
 6. meeting will be open to -- so the conference will be
 7. open to the general --
 8. MR. ROBINSON: Public.
 9. MR. BAUGHMAN: -- boiler population?
 10. MS. RHONE: Exactly. Yes.
 11. MR. BAUGHMAN: Very good.
 12. CHAIRMAN MORELOCK: Yeah. They
 13. even --
 14. MR. BAUGHMAN: Super.
 15. CHAIRMAN MORELOCK: -- in the past,
 16. we've invited other --
 17. MR. BAUGHMAN: State.
 18. CHAIRMAN MORELOCK: -- regional
 19. chiefs from --
 20. MR. BAUGHMAN: Uh-huh.
 21. CHAIRMAN MORELOCK: -- neighboring
 22. states and all that to kind of -- as well.
 23. MR. BAUGHMAN: Will you be looking at
 24. performing the training here or over at the Maxwell
 25. House?

1. MS. RHONE: I mean, yeah. It's going
 2. to be open. The conference to not only the deputy
 3. inspectors, but it's going to be special inspectors,
 4. too, and all persons of interest. You know --
 5. MR. ROBINSON: Okay.
 6. MS. RHONE: -- we'll go through with
 7. our flyers and announcements like we've -- like we
 8. did in the past. So yes.
 9. MR. ROBINSON: Approximately how
 10. many?
 11. MS. RHONE: Well --
 12. MR. ROBINSON: Estimate.
 13. MS. RHONE: -- we hope -- an estimate
 14. would be 150 plus.
 15. MR. ROBINSON: Okay.
 16. MS. RHONE: Is what we're looking
 17. towards.
 18. CHAIRMAN MORELOCK: Yeah.
 19. MS. RHONE: Uh-huh.
 20. MR. ROBINSON: Are you going to fund
 21. the -- you're going to -- you're not going to fund
 22. the whole entire meeting --
 23. MS. RHONE: Well, we are --
 24. MR. ROBINSON: What kind of --
 25. MS. RHONE: -- meeting with the

1. MS. RHONE: Right now, we're looking
 2. at conducting the actual training here. That Pearl
 3. Room, it's a very large room where we had the
 4. training, Brian. It's a really large room. So we
 5. should be able to accommodate everyone. And then of
 6. course, with the parking here, there's sufficient
 7. parking at this building. So that should not be an
 8. issue.
 9. CHAIRMAN MORELOCK: Okay.
 10. MR. ROBINSON: So you expect to lock
 11. down costing. And the reason why I ask that -- it
 12. came up before. Most companies, they'll have their
 13. physical budget, and they can incorporate that into
 14. the cost for next year.
 15. MS. RHONE: Right. We -- yeah. We'd
 16. have to provide --
 17. MR. ROBINSON: So --
 18. MS. RHONE: -- that information at a
 19. later -- like I said, we do have that budget and
 20. finance subcommittee, and we're meeting with
 21. representatives and persons of interest with the
 22. department --
 23. MR. ROBINSON: Yes, ma'am.
 24. MS. RHONE: And that information
 25. would have to be provided.

1. MR. ROBINSON: October, September --
 2. so.
 3. CHAIRMAN MORELOCK: Well, no, but
 4. this is happening --
 5. MS. RHONE: We're not --
 6. MR. BAUGHMAN: September.
 7. MR. ROBINSON: No.
 8. MS. RHONE: No, we're having the --
 9. CHAIRMAN MORELOCK: 2016.
 10. MS. RHONE: Yeah. The conference is
 11. 2016.
 12. CHAIRMAN MORELOCK: Yeah. So this is
 13. going to happen in a few months, not a year from
 14. now. So --
 15. MS. RHONE: Right.
 16. CHAIRMAN MORELOCK: So yeah.
 17. MS. RHONE: Yeah. We're looking --
 18. CHAIRMAN MORELOCK: It's coming fast.
 19. MS. RHONE: -- forward to it.
 20. CHAIRMAN MORELOCK: So yeah, as soon
 21. as, you know --
 22. MS. RHONE: And we do have a meeting
 23. that's scheduled next week to work regarding the
 24. budget and things, so we should be able to provide
 25. some information --

1. MR. ROBINSON: Do you want to
 2. disseminate --
 3. MS. RHONE: -- towards --
 4. MR. ROBINSON: Let me ask you. So
 5. you're not going to really record anything until the
 6. next conference or --
 7. CHAIRMAN MORELOCK: Till June.
 8. MS. RHONE: Well, right. We'll have
 9. something, of course, to present at the June Board
 10. meeting. But perhaps -- I mean, I'm sure we'll have
 11. something to present to the Board members, because,
 12. you know, you'll need to share that information with
 13. your --
 14. MR. ROBINSON: Got it.
 15. CHAIRMAN MORELOCK: Right.
 16. MS. RHONE: -- persons --
 17. CHAIRMAN MORELOCK: Right.
 18. MS. RHONE: -- of contact --
 19. CHAIRMAN MORELOCK: Right.
 20. MS. RHONE: -- as well. So --
 21. MR. ROBINSON: Okay.
 22. CHAIRMAN MORELOCK: Well, as soon as
 23. your budget meetings will establish registration
 24. fees, we need to get that out very quickly, because
 25. like Eugene was talking about, you know, budgets are

1. pretty much already set now. So if companies are
 2. going to send any of their commission inspectors or
 3. anything like that -- and we need to verify with the
 4. National Board if any of the -- if, one, if they'll
 5. provide some training and would that training count
 6. toward the biannual training that they require to
 7. maintain commission?
 8. MS. RHONE: Exactly. That's the
 9. information that the Chief is going to be securing.
 10. CHAIRMAN MORELOCK: Yeah.
 11. MS. RHONE: Yeah. He's going to be
 12. making his point of contacts at the May meeting.
 13. CHAIRMAN MORELOCK: Yeah. So --
 14. okay. So once you know, we'll have to get the word
 15. out really quick, because September will be here
 16. very soon.
 17. MS. RHONE: Exactly. Yes. We --
 18. CHAIRMAN MORELOCK: Yeah. Okay.
 19. Well, that's exciting though.
 20. MS. RHONE: Yeah. We do have a
 21. marketing subcommittee, too, that's going to --
 22. CHAIRMAN MORELOCK: Okay.
 23. MS. RHONE: -- help us get the
 24. information out. So yes.
 25. CHAIRMAN MORELOCK: Any other

1. questions, comments? All right. Well, like I said,
 2. great job. It's --
 3. MR. ROBINSON: Very nice.
 4. CHAIRMAN MORELOCK: -- really nice to
 5. see it come back.
 6. MR. BAUGHMAN: Uh-huh.
 7. CHAIRMAN MORELOCK: If you've never
 8. been to one, I do highly recommend it. It's a great
 9. venue to get some training, to meet people in the
 10. pressure equipment industry. It's just a -- it was
 11. really, when it started, it was growing very, very
 12. rapidly. I mean, so we hope to pick that up and
 13. keep it --
 14. MS. RHONE: Yes.
 15. CHAIRMAN MORELOCK: -- growing into
 16. the future. So --
 17. MS. RHONE: Yes.
 18. CHAIRMAN MORELOCK: -- we really
 19. appreciate the efforts of the State of Tennessee to
 20. bring that back. We really do appreciate that.
 21. Yes, sir?
 22. DR. HARGROVE: Keith Hargrove,
 23. Tennessee State. May I ask, what is the typical
 24. content for the training that occurs over those
 25. three days?

1. MS. RHONE: Sam, did you want to
 2. address -- we do have training that -- for the
 3. boiler inspectors and the certification and any --
 4. Sam or --
 5. MR. CHAPMAN: Yeah. Well, every two
 6. years, we have to have continuous training from the
 7. National Board. And we either -- like we say, we
 8. either get one of the National board members to
 9. come -- and I can't say exactly which one for that
 10. year, but there's continuous training that the
 11. inspector is required to have.
 12. DR. HARGROVE: Okay.
 13. CHAIRMAN MORELOCK: It would involve
 14. things like inspection procedures, how to identify
 15. damage mechanisms in boilers and pressure vessels,
 16. such as cracking, pitting, corrosion, things like
 17. that. It would cover repairs and alterations as far
 18. as the requirements, the documentation. It would
 19. cover new construction, installation of new
 20. construction, and things like that. So --
 21. MR. ROBINSON: Metrics, trends, and
 22. analysis. If you get the National Board bulletin,
 23. it's comprehensive.
 24. DR. HARGROVE: Okay.
 25. CHAIRMAN MORELOCK: Yeah.

1. DR. HARGROVE: Okay.
 2. CHAIRMAN MORELOCK: Yeah.
 3. DR. HARGROVE: Thank you.
 4. CHAIRMAN MORELOCK: You're welcome.
 5. And you can go out to the National Board website,
 6. nationalboard.org, and you can actually read the
 7. bulletin online. So it's a good resource to go out
 8. there and you see all the -- what they offer, as
 9. well. Any other questions or comments? Deborah,
 10. again, excellent job. Thank you.
 11. MS. RHONE: Thank you.
 12. CHAIRMAN MORELOCK: Okay. Moving on.
 13. Administrator Jefferson has provided us with a new
 14. process for variances and reviews. And Carlene has
 15. provided us a draft copy of this. And in
 16. conversation -- e-mail conversations with
 17. Administrator Jefferson, we are not -- this is an
 18. administrative process. So this is not a voted item
 19. by the National Board -- by the Tennessee Board.
 20. It's just information and seeking comments. So --
 21. and of course, they've been -- her and Mr. Finks
 22. have been taken away to the legislature.
 23. Do you want us to go through this
 24. or do you want us to take it, read it, and provide
 25. comments? What's the Boiler Unit's preference?

1. MS. RHONE: I believe take it, read
 2. it, since, you know, you're getting it today. But,
 3. you know, you probably need to take time to digest
 4. it. And then --
 5. CHAIRMAN MORELOCK: Okay.
 6. MS. RHONE: -- I'll send the
 7. comments. I guess everybody can send them through
 8. you --
 9. CHAIRMAN MORELOCK: Yes. That would
 10. be fine.
 11. MS. RHONE: -- and then you'll report
 12. back to the Administrator.
 13. CHAIRMAN MORELOCK: I'll collect them
 14. on behalf of the Board and send them to the Boiler
 15. Unit.
 16. MS. RHONE: Okay.
 17. MR. BAUGHMAN: You made mention that
 18. this was for both variance and reviews.
 19. CHAIRMAN MORELOCK: It is for -- yes.
 20. That's correct. And that is for ASME or National
 21. Board stamp reviews. The triennial reviews for a
 22. stamp holder.
 23. MR. BAUGHMAN: Okay. I didn't see
 24. the information for the reviews. I saw the variance
 25. information.

1. MS. RHONE: Now, for the reviews,
 2. there'll be a posting on the Boiler Unit website
 3. stating for reviews, they need to contact, whether
 4. it's a national board or the ASME right now.
 5. MR. BAUGHMAN: So we're not going to
 6. be discussing --
 7. MS. RHONE: Right. This is --
 8. MR. BAUGHMAN: -- that.
 9. MR. CHAPMAN: This is for variances.
 10. MS. RHONE: Right. This is
 11. variances.
 12. MR. BAUGHMAN: This is just
 13. variances.
 14. MS. RHONE: Yes.
 15. MR. BAUGHMAN: Okay.
 16. MS. RHONE: There'll be something
 17. included on the website regarding the reviews.
 18. MR. BAUGHMAN: Interesting.
 19. MR. ROBINSON: And thinking out loud,
 20. though, Mr. Baughman, that's the way it used to be
 21. back in the old days.
 22. MR. BAUGHMAN: Uh-huh.
 23. MR. ROBINSON: Back in the old days,
 24. if the jurisdiction didn't provide an ASME
 25. representative, then what you would do is you would

1. contact the National Board and they would -- you
 2. would actually contract one with them.
 3. MR. BAUGHMAN: My -- the thing that
 4. I'm thinking is is that since this has been in
 5. place, we went from the old days to being status quo
 6. up until just recently. How is that information
 7. going to be disseminated to those companies coming
 8. up for review? In other words, is there going to be
 9. any contact with those companies that utilize review
 10. to let them know that there is a change in the
 11. status quo moving forward that now they need to be
 12. prepared in a different way instead of coming up at
 13. the last moment?
 14. MS. RHONE: Now, for -- like we said,
 15. for the information that's going to be posted on the
 16. website --
 17. MR. BAUGHMAN: Uh-huh.
 18. MS. RHONE: -- and for any additional
 19. response, we'd have to refer you to the
 20. Administrator for comment.
 21. MR. BAUGHMAN: Okay. What I was
 22. interested in was if there's any thought process --
 23. and this'll be bounced off the Administrator of
 24. sending out some information to those companies to
 25. let them know that moving forward, they need to be

1. prepared, because not only is it a different -- a
 2. difference in who's doing it, but also a difference
 3. in cost to them in what that's going to impact their
 4. associated costs with those reviews.
 5. MR. ROBINSON: Mr. Baughman.
 6. MR. BAUGHMAN: Sir.
 7. MR. ROBINSON: And again, I can't
 8. remember the last joint review I went through, but
 9. it is -- when you become close to your expiration,
 10. what happens is ASME will send out a notice --
 11. CHAIRMAN MORELOCK: Yes.
 12. MR. ROBINSON: -- and they will send
 13. it out well in advance.
 14. CHAIRMAN MORELOCK: Yes.
 15. MR. ROBINSON: And what they ask you
 16. to do is they'll say, if you've got to get
 17. jurisdictional representation --
 18. CHAIRMAN MORELOCK: Right.
 19. MR. ROBINSON: -- to apply here and
 20. send this much money, along with scheduling with the
 21. State.
 22. CHAIRMAN MORELOCK: Uh-huh.
 23. MR. ROBINSON: So --
 24. MR. BAUGHMAN: Gotcha.
 25. MR. ROBINSON: -- that document

1. actually goes out well in advance and prepares you
 2. to --
 3. CHAIRMAN MORELOCK: Yeah. Six
 4. months.
 5. MR. ROBINSON: -- to do the right
 6. thing.
 7. MR. BAUGHMAN: Okay.
 8. CHAIRMAN MORELOCK: Yes.
 9. MR. BAUGHMAN: Gotcha.
 10. MR. ROBINSON: So --
 11. MR. BAUGHMAN: Well, if those
 12. companies aren't aware, they may not know that
 13. there's a change, so I got what you're saying.
 14. There is a good few months ahead of time for them to
 15. be getting their ducks in a row. But they've --
 16. CHAIRMAN MORELOCK: Well, the process
 17. of being notified by the ASME or the National Board
 18. for review has not changed. And I think that's what
 19. Mr. Robinson is trying to say.
 20. MR. BAUGHMAN: Gotcha.
 21. CHAIRMAN MORELOCK: That process has
 22. not changed. The only part of the process that's
 23. changed is that instead of having a trained ASME
 24. National Board team leader within the State of
 25. Tennessee to provide that review, it will now have

1. to come from the individual organization, whether it
 2. ASME or the National Board to provide that team
 3. leader. We'll still need to work with the State of
 4. Tennessee to see if they want to attend the review,
 5. but with what we've had in the past with the deputy
 6. inspector serving as a team leader, that team leader
 7. not only represented jurisdiction but also served as
 8. a team leader on behalf of ASME or the National
 9. Board for the actual review.
 10. MR. BAUGHMAN: I see.
 11. CHAIRMAN MORELOCK: And that's what's
 12. changing.
 13. MR. BAUGHMAN: I see.
 14. CHAIRMAN MORELOCK: So that's the
 15. only part of the process that's changed.
 16. MR. BAUGHMAN: Very good.
 17. CHAIRMAN MORELOCK: Notification and
 18. all that will still be the same. And the
 19. responsibility of the stamp holder to get their
 20. manual and all that ready, get their fees turned in,
 21. all that's going to stay the same.
 22. MR. BAUGHMAN: Yeah.
 23. MR. ROBINSON: Yeah.
 24. MR. BAUGHMAN: We've got a comment
 25. from the --

Page 145

1. CHAIRMAN MORELOCK: Yes.
2. MR. TRIPP: Allen Tripp with
3. Combustion and Control Solutions, and we're a
4. company that is in -- fixing to be in the middle of
5. this right here. And that's one of the reasons when
6. I saw this on the meeting, we wanted to hear what
7. was going to be said. But your procedure, the way I
8. understand it inside our QC program is correct.
9. We'll be getting a letter. I've talked to a couple
10. of other ASME and National Board certificate
11. holders. And one, who has already gone through this
12. process because his just came up in April, I think,
13. or I mean, in January, February. But, you know,
14. this -- who do we voice concerns to over things like
15. this when we're looking at -- the procedure is not
16. changing, you're correct; costs are changing on our
17. end extremely and --
18. CHAIRMAN MORELOCK: Costs -- well, I
19. mean --
20. MR. TRIPP: And that's our problem --
21. CHAIRMAN MORELOCK: Yeah.
22. MR. TRIPP: -- don't get me wrong,
23. but --
24. CHAIRMAN MORELOCK: Right.
25. MR. TRIPP: -- I mean, we're small

Page 146

1. businesses. We try to -- you know, we try to watch
2. costs all we can and I'm -- we're coming up on our
3. fifth review now. You know, so all of a sudden,
4. what it used to cost -- you know, we got a nice
5. little invoice from the State or whoever for either
6. Mr. Harrison or these last few times, I think it's
7. been Mr. Jackson. You know, it was -- let's just
8. say probably a third or so of what we'll be faced
9. with with the National Board. And if the ASME
10. decides to do it that way, we have to do them
11. separate as a National Board all of a sudden.
12. One team leader that was watching
13. over this now all of a sudden, we've got to bring
14. people in from Ohio; we've got to bring people or
15. are paid to bring people in from other parts of
16. the country and all of a sudden, three, five,
17. eight, \$10,000 more for a review may not sound
18. like a lot, but, you know, to the 30-something
19. people that work for our company --
20. CHAIRMAN MORELOCK: Yeah.
21. MR. TRIPP: -- that's money.
22. CHAIRMAN MORELOCK: Well, and to put
23. my Eastman hat on, we have a National Board
24. certificate coming due in October. We've already
25. made application to the National Board for that

Page 147

1. review, and it's going to be scheduled in August.
2. And, you know, the State will be able to come as an
3. observer, but they won't be a jurisdictional team
4. leader trained by ASME and the National Board.
5. So we're in the same boat you're in;
6. we're going to have to go to the National Board
7. and they'll invoice us based on their travel and
8. time. And so I understand your concern. I do. I
9. do. So --
10. DR. JOHNSON: I think one of the
11. things you were asking is who you should bring this
12. concern to.
13. MR. TRIPP: And my sense would be
14. that it's an administrative issue and that it would
15. go to Administrator Jefferson.
16. CHAIRMAN MORELOCK: It would have to
17. go to -- right.
18. DR. JOHNSON: Yeah.
19. CHAIRMAN MORELOCK: That's correct.
20. I mean, if -- yes.
21. MR. TRIPP: To Ms. Jefferson?
22. CHAIRMAN MORELOCK: Yes.
23. DR. JOHNSON: Yes.
24. CHAIRMAN MORELOCK: Yes. I mean, if
25. you -- if stamp holders in the State of Tennessee

Page 148

1. have a desire to continue to have a jurisdictionally
2. trained certified team leader within the State of
3. Tennessee, Administrator Jefferson is the one that
4. needs to know that that would be your desire to have
5. that.
6. MR. TRIPP: Okay.
7. CHAIRMAN MORELOCK: Congressmen? I
8. don't know.
9. MR. TRIPP: So it's not the Boiler
10. Board's position then, as far as the Board, it might
11. not have anything to do with the Board. I don't
12. understand the --
13. CHAIRMAN MORELOCK: Well, this --
14. MR. TRIPP: -- political structure
15. here always but --
16. CHAIRMAN MORELOCK: Well, this is not
17. a rulemaking thing.
18. MR. TRIPP: Right.
19. CHAIRMAN MORELOCK: This is an
20. administrative process. I --
21. MR. TRIPP: But --
22. CHAIRMAN MORELOCK: When I got this
23. draft, I contacted Administrator Jefferson; I asked
24. her, you know, this is a discussion item on the
25. Board. Is this something that the Board would vote,

1. and she replied back and said, no, this is an
 2. administrative process. We're sending it to the
 3. Board for comments.
 4. So we're commenting on the process,
 5. and of course, what we're commenting on right now
 6. is just the future variances. We haven't seen the
 7. future process for reviews yet, but we do have the
 8. proposed process for handling variances in the
 9. future. This would be at boiler attendant and
 10. boiler inspection frequency variances. So --
 11. MR. TRIPP: When will that
 12. information about the variances be available for the
 13. public?
 14. CHAIRMAN MORELOCK: Well, we'll
 15. comment on it and then I'll have to -- again,
 16. that'll have -- that's going to come through
 17. Administrator Jefferson. So she's the one that can
 18. provide you with the dates and all that on that.
 19. So --
 20. MR. TRIPP: Will people -- with that
 21. being an administrative process, how does that work
 22. as far as John Q. Public out here? Are we able to
 23. have any input or we wait till it's passed and it's
 24. done and --
 25. CHAIRMAN MORELOCK: Well, I think

1. since we're presenting it in an open meetings
 2. process, you certainly have opportunity to voice
 3. your comments and concerns. That's why we --
 4. MR. TRIPP: Do we have access to a
 5. copy of this or only after it's done?
 6. CHAIRMAN MORELOCK: I would -- again,
 7. I would work through Administrator Jefferson just to
 8. make sure she approves what is sent out. I can't
 9. speak on her behalf.
 10. MR. TRIPP: Sure. I was hoping she
 11. was going to be here, but --
 12. CHAIRMAN MORELOCK: Well, she had
 13. wanted to be here for this very topic. So --
 14. MR. BAUGHMAN: And Mr. Tripp, one
 15. other thing is since it's leading to a financial
 16. impact on your small business, you may want to think
 17. about talking to your local legislative
 18. representative and just bounce that information off
 19. to see what kind of input they may have on it, too.
 20. CHAIRMAN MORELOCK: Yeah.
 21. MR. TRIPP: Okay. Well, like I said,
 22. it's just money. You know, but it's a -- I don't
 23. work for Eastman or --
 24. CHAIRMAN MORELOCK: Well, I can tell
 25. you Eastman's not going to be happy with it, either,

1. but --
 2. DR. JOHNSON: But my sense is that
 3. this administration is sensitive to these kinds of
 4. issues.
 5. CHAIRMAN MORELOCK: Yes.
 6. DR. JOHNSON: They're very focused on
 7. the idea that we don't want to place obstacles in
 8. front of small business.
 9. CHAIRMAN MORELOCK: I agree.
 10. DR. JOHNSON: And we don't want to
 11. add additional administrative layers or additional
 12. requirements if they're not necessary.
 13. CHAIRMAN MORELOCK: Yes.
 14. DR. JOHNSON: So I think that you
 15. would find a sympathetic ear. And if -- they may be
 16. going in this direction because of perhaps some
 17. issue in the tax -- you know, some issue of things
 18. that are paid from tax moneys. And maybe if they
 19. know that there are other angles, then this would be
 20. something they would like to know about.
 21. CHAIRMAN MORELOCK: I agree.
 22. DR. JOHNSON: So -- but the only way
 23. to let them know is to raise the issues --
 24. CHAIRMAN MORELOCK: Yes.
 25. DR. JOHNSON: I am under the

1. impression that this discussion would be part of the
 2. minutes for our meeting.
 3. CHAIRMAN MORELOCK: It is. It is.
 4. DR. JOHNSON: And so Administrator
 5. Jefferson will see that, but I would encourage you
 6. to bring your concern directly to her.
 7. MR. TRIPP: We will. Thank you.
 8. CHAIRMAN MORELOCK: You're welcome.
 9. Well, and while we are discussing discussion items
 10. in open-meeting format, I will tell you, Mr. Tripp,
 11. just to add to your comments, we opened up with a
 12. discussion on the updates to reorganization of Rules
 13. 0800-03-03, and part of the -- we've discussed the
 14. technical changes, but there is a request by the
 15. Boiler Unit and the -- Administrator Jefferson for a
 16. fee increase for inspector fees.
 17. And the Boiler Unit has completed a
 18. financial study of that to support their
 19. recommendation. And what's going to happen with
 20. that -- and I can let Mr. Bailey speak to this
 21. more than I can, and of course, Mr. Finks, as
 22. well. But when that happens, there will be a
 23. process for -- the public will review that and
 24. provide comments. And so that is coming. So
 25. there will be that avenue, as well. But there

1. will be some fee increases for the state
 2. inspectors. So --
 3. MR. TRIPP: Overdue.
 4. CHAIRMAN MORELOCK: Yes. Overdue.
 5. That's correct. So just -- I just want to make you
 6. aware of that, as well.
 7. MR. TRIPP: Well, we don't pay those,
 8. so --
 9. CHAIRMAN MORELOCK: Yeah.
 10. MR. TRIPP: What I -- I guess, going
 11. back to the review and all, it's just -- you know, I
 12. just don't know if it's a timing issue here or, like
 13. you said, I think ours is September, October of this
 14. year, also, as far as our ASME and National Board
 15. review.
 16. CHAIRMAN MORELOCK: Uh-huh.
 17. MR. TRIPP: And, you know, you just
 18. hate to see us have to go through something when the
 19. guy last year eked out and then something changes
 20. between now and three years ahead, and we're back to
 21. the same way again.
 22. CHAIRMAN MORELOCK: Yeah.
 23. MR. TRIPP: And, you know, just
 24. whether you get the luck of the draw, it's why you
 25. shouldn't go to the casino, right? But I will --

1. can I get information from you, Deborah, as far as
 2. who to -- how to present this or contact her?
 3. MS. RHONE: Yes. I will provide that
 4. for you, yes.
 5. CHAIRMAN MORELOCK: Okay. Any more
 6. comments on that, because this is good discussion.
 7. So speak now or wish you had. Okay. Item 10 is
 8. Rule Cases and Interpretations. We have none for
 9. this meeting. Item 11 will be, our next Boiler
 10. Board meeting is scheduled for 9:00 a.m. on
 11. Wednesday, June the 15th, right here in this room at
 12. the Department of Labor. And Item 10 is
 13. adjournment. And so if you are -- yes, sir.
 14. MR. FLOWERS: I apologize. I have an
 15. unrelated question.
 16. CHAIRMAN MORELOCK: Okay.
 17. MR. FLOWERS: I would --
 18. Mr. Robinson, you seemed to focus in on the
 19. variances, particularly on the low water cutout
 20. check per shift.
 21. MR. ROBINSON: Yes, sir.
 22. MR. FLOWERS: Can -- is that -- I
 23. could find no actual requirement for that in the law
 24. if you can -- could you point me to that; is that
 25. what you got on that?

1. MR. ROBINSON: It's actually in
 2. CSD-1. It's a recommended practice --
 3. MR. FLOWERS: Okay.
 4. MR. ROBINSON: -- and there it is.
 5. They've got -- what it is -- CSD-1 has a
 6. preventative maintenance plan in the back in
 7. Appendix --
 8. MR. TRIPP: Non-mandatory, though,
 9. right?
 10. MR. ROBINSON: It -- right. And it
 11. makes suggestions.
 12. MR. FLOWERS: Yeah.
 13. MR. TRIPP: I've heard.
 14. MR. ROBINSON: It makes suggestions
 15. on what to do and, you know, combustion tests --
 16. CHAIRMAN MORELOCK: Yeah.
 17. MR. ROBINSON: -- you know, things
 18. like that.
 19. MR. FLOWERS: Okay.
 20. MR. ROBINSON: And that's where I'm
 21. getting it from. And as you said, Mr. Tripp, it is
 22. not mandatory.
 23. MR. TRIPP: But the definition --
 24. just the confusing part for a lot of people is that
 25. the fact that somebody works -- one plant works an

1. eight-hour shift, another plant works a twelve-hour
 2. shift, and, you know, is it done once a day or is it
 3. done once a shift?
 4. MR. ROBINSON: Daily. The book --
 5. the CSD-1 -- and see it's a -- that's a big issue.
 6. See, CSD-1 is over here. NBIC is over here. And
 7. it's unfortunate that -- and ASME's up here. And to
 8. be honest with you, when you build a boiler, you're
 9. building a boiler proper. So every metal flange or
 10. every in that has pressure, first flange, first
 11. circumferential joint is considered to be ASME
 12. pressure boundary. Okay? Only in -- I don't want
 13. to even say that -- but only until something
 14. catastrophic can happen.
 15. But CSD-1's over here and they have a
 16. gas train. They're putting in fuel and they can
 17. do just as much damage. Okay? In fact, they're
 18. heating up the steam that the pressure vessel's
 19. built on. But they don't want to talk to one
 20. another.
 21. MR. TRIPP: Is that the ASME you're
 22. referring to or the National Board? Because ASME
 23. creates the CSD-1, right?
 24. CHAIRMAN MORELOCK: Right.
 25. MR. ROBINSON: CSD-1, ASME are one

1. link.

2. CHAIRMAN MORELOCK: Yeah.

3. MR. ROBINSON: NBIC is over here.

4. MR. TRIPP: I agree.

5. MR. ROBINSON: The NBIC says,

6. installation, inspection, and alterations. When you

7. go into a plant, you inspect them -- you're

8. inspecting them in accordance with CSD-1, ASME, and

9. NBIC.

10. CHAIRMAN MORELOCK: Well, you inspect

11. them --

12. MR. TRIPP: Or NFPA.

13. CHAIRMAN MORELOCK: You inspect them

14. per the regional code construction or the

15. jurisdictional requirement.

16. MR. ROBINSON: In this case --

17. CHAIRMAN MORELOCK: Yeah.

18. MR. ROBINSON: -- those three.

19. CHAIRMAN MORELOCK: Yeah. Yeah.

20. MR. FLOWERS: And we understand the

21. recommendation from CSD-1. I guess what I'm looking

22. for is some clarification from the Board in what the

23. requirement would be or requirement is --

24. MR. ROBINSON: Testing.

25. MR. FLOWERS: -- pertaining to the

1. variance approval as far as the low water cutout,

2. positive test per shift --

3. CHAIRMAN MORELOCK: Well, and the

4. checklist says daily, correct?

5. DR. JOHNSON: Per day. Yeah. Per

6. day.

7. CHAIRMAN MORELOCK: Per day.

8. DR. JOHNSON: Yeah. It's per day.

9. CHAIRMAN MORELOCK: So --

10. MR. TRIPP: Day.

11. CHAIRMAN MORELOCK: So that -- the

12. guidance from the Board is daily.

13. MR. FLOWERS: Okay.

14. MR. TRIPP: And obviously, we would

15. all encourage it to be more than once a day,

16. obviously.

17. MR. ROBINSON: No. No. Once a day

18. is sufficient. I mean, that's the bare minimum.

19. MR. TRIPP: If I'm an operator or I'm

20. a technician in there working on that boiler, I

21. would like to know that the guy that left didn't do

22. anything wrong so when I walk in there, I mean, I

23. know that it's going to work.

24. CHAIRMAN MORELOCK: Right.

25. THE REPORTER: Sir, what is your

1. name?

2. MR. FLOWERS: David Flowers.

3. THE REPORTER: Thank you.

4. MR. TRIPP: But CSD-1 also, if I can,

5. Mr. Robinson, CSD-1 stops at -- the recommendations

6. stop at 12 and a half million BTU input, and then it

7. switches over to --

8. DR. JOHNSON: NFPA-85.

9. MR. TRIPP: -- NFPA-85, right?

10. MR. ROBINSON: Correct. Yes, sir.

11. CHAIRMAN MORELOCK: Correct.

12. MR. ROBINSON: Yes.

13. MR. TRIPP: So, I mean, we're talking

14. up to 300 horsepower boiler, but --

15. MR. ROBINSON: Yes, sir.

16. MR. TRIPP: -- we all know that

17. there's a lot more boilers out there above

18. 300-horsepower.

19. MR. ROBINSON: Absolutely. Correct.

20. Yes, sir.

21. CHAIRMAN MORELOCK: Yeah. Just for

22. clarity, in the checklist, items 35, 36, and 37

23. address your concern where it says, does the manual

24. include the remote monitoring duties each shift on a

25. day-to-day basis? 36 says, does the manual include

1. a test of the systems, boiler water column, remote

2. monitoring, communications, and of course, it's got

3. a general other statement there. 37 states, are the

4. tests performed at the boiler? And so that's

5. really, as of right now, that's what we mandate for

6. your variance manual.

7. MR. TRIPP: Okay. Thank you. Thank

8. you.

9. MR. BAUGHMAN: One other thing with

10. CSD-1 that I kind of made note of recently was that

11. it mandates the gas drain components be tested each

12. year, inspected and tested. Mandated. It's not a

13. recommendation, but we haven't been adhering to

14. that. And that's part of -- we're an ASME, CSD-1

15. adopted state. Not every state is, but we are. But

16. we've been enforcing parts of CSD-1; i.e., emergency

17. boiler shutoff switch. That's part of it. But we

18. haven't enforced other parts of CSD-1. And -- but

19. that's a discussion for another day.

20. MR. ROBINSON: You know, at one point

21. in time, there was a gas drain that had faulted, and

22. someone had worked on the repair -- entity had

23. worked on the gas drain. And somehow, they caused

24. the gas valve to either stick in the open position

25. while the igniter was running, and it created a

1. catastrophic event.
 2. MR. TRIPP: Sure.
 3. MR. ROBINSON: And well, then there
 4. was discussion, and that started some discussion at
 5. National Board level. And Brian probably heard of
 6. it -- heard more about it. But what it was was they
 7. wanted to have all repair personnel for gas drains
 8. be certified.
 9. CHAIRMAN MORELOCK: Uh-huh.
 10. MR. ROBINSON: But -- and then at one
 11. point, Honeywell came out with a memorandum
 12. indicating that any work performed on the
 13. Honeywell-type systems or components be authorized
 14. only by Honeywell. It never came to be, but it was
 15. considered. This was at least within seven years
 16. ago. I thought at one time they were going to
 17. merge, but it never happened.
 18. CHAIRMAN MORELOCK: Well, there is an
 19. item out, going through the National Board
 20. Inspection Code right now -- it's not been
 21. approved -- for what they call covered piping
 22. systems that it would have its own stamp, have its
 23. own certification program, and it's for
 24. high-temperature, high-pressure. I'm not going to
 25. venture to state what the temperature, pressures

1. are, because I'd get them wrong. But if that gets
 2. passed to basically take you beyond boiler proper to
 3. have a covered system with an accreditation program,
 4. if that gets passed, then the next move would be to
 5. go to B31-3 chemical process piping and try to have
 6. a process for that, as well.
 7. So there is work to try to put more
 8. accreditation requirements onto the piping
 9. systems. It's in its infancy. It's -- I mean,
 10. timewise, it's been out there for, like you said,
 11. since probably five, six, seven years ago. But
 12. it's still going through the review and approval
 13. process right now just for covered piping systems
 14. right now, B31-1. So --
 15. MR. BAUGHMAN: Thanks for the input.
 16. MR. ROBINSON: Yeah. Good questions.
 17. Your questions definitely are invited. No doubt.
 18. CHAIRMAN MORELOCK: Anything else?
 19. All right. Well, thank you all for hanging in there
 20. for the whole meeting. And we do appreciate your
 21. attendance. We do appreciate your comments. And so
 22. all those in favor of adjournment, stand up and head
 23. on.
 24. DR. JOHNSON: Moving and seconding.
 25. END OF PROCEEDINGS.

1. CERTIFICATE
 2.
 3. STATE OF TENNESSEE)
 4.
 5. COUNTY OF WILLIAMSON)
 6.
 7. I, Dominique A. Dubois LCR# 686, Notary
 8. Public and Court Reporter, do hereby certify that I
 9. have recorded to the best of my skill and ability
 10. by machine shorthand all the proceedings in the
 11. foregoing transcript, and that said transcript is a
 12. true, accurate, and complete transcript to the best
 13. of my ability.
 14. I further certify that I am not an attorney
 15. or counsel of any of the parties, nor a relative or
 16. employee of any attorney or counsel connected with
 17. the action, nor financially interested in the
 18. action.
 19. SIGNED this 19th day of April, 2016.
 20.
 21. _____
 22. Dominique A. Dubois, LCR# 686
 23. Notary Public State at Large
 24. My commission expires: 8/9/2018
 25.

A	add 14:7 21:8 36:17 36:21 41:4 41:5 58:21 62:23 104:7 112:25 114:9 114:10 116:4 123:13 151:11 152:11	25:21 42:1 44:1 44:10 44:25 45:22 54:22 101:11 126:11 150:5	alarms 36:18 38:2 65:24 122:4 122:5	158:15 159:16 161:7 162:19 162:19 162:22 163:9
ability 163:8 163:12	added 13:18 21:11 104:9	again 9:21 11:19 17:12 18:21 26:16 26:17 29:17 34:8 44:4 46:7 49:4 54:16 61:6 72:24 73:6 75:8 91:22	alert 66:4	allen 4:4 9:4 145:2
able 42:22 109:18 116:18 116:22 132:5 133:24 147:2 149:22	adding 113:19 114:3	agenda 5:1 5:5 6:19 6:19 6:21 7:2 7:3 7:10 7:10 12:8 12:9 109:14 129:1 129:3 129:15	all 6:3 6:18 7:2 7:3 9:20 9:21 12:1 13:2 13:8 13:9 15:12 16:12 17:16 18:6 18:20 21:21 22:12 23:15 23:16 23:23 24:6 24:20 27:23 33:11 43:13 43:17 46:8 46:13 47:1 47:2 47:3 48:6 48:20 49:8 50:25 51:1 52:23 53:24 54:14 55:5 57:2 58:11 58:12 60:2 63:2 64:12 64:13 65:11 67:12 67:16 68:6 69:6 71:1 72:6 73:11 73:13 73:14 73:24 74:1 74:20 74:25 75:16 78:7 83:4 83:5 87:13 90:2 90:15 92:11 92:23 93:18 94:10 94:18 94:23 94:25 95:7 96:24 97:13 99:22 102:6 102:14 102:21 102:23 103:12 103:19 104:1 104:11 104:17 104:18 104:19 104:25 105:3 106:21 107:2 108:13 109:1 109:1 109:21 109:24 110:6 111:1 111:3 111:4 111:9 114:25 115:15 116:16 119:8 120:16 121:1 121:19 121:24 122:11 122:12 123:24 125:12 125:14 125:20 130:4 131:22 136:1 138:8 144:18 144:20 144:21 146:2 146:3 146:11 146:13 146:16 149:18 153:11	alliance 55:18 allowable 82:17 allowed 119:16 122:6 almost 31:5 60:3 116:21 along 142:20 already 31:19 39:1 40:13 63:15 63:24 69:15 109:11 129:1 135:1 145:11 146:24 alterations 14:20 137:17 157:6 always 43:21 44:14 46:15 53:22 72:13 93:12 119:21 120:24 121:23 148:15 ambiguous 81:19 analysis 137:22 angles 151:19 annotated 14:22 18:9 announce 10:8 10:10 announced 10:4 18:11 announcement 9:22 10:3 announcements 5:3 6:8 6:12 10:2 130:7 annual 5:4 43:9 43:12 53:17 65:6 80:7 92:16 103:5 103:11 annually 32:19 120:5 annunciation 38:20 another 12:2 33:18 76:12 108:24 108:25 127:5 156:1 156:20 160:19 answer 18:7 38:12 39:4 106:20 answered 103:23 answers 79:2 anthony 3:22 8:17
above 2:1 19:18 57:23 58:13 82:20 159:17	address 25:1 25:14 59:4 137:2 159:23	agencies 14:18		
absence 72:6	addressed 69:11 69:15 72:25	agendas 6:7		
absent 126:8	adds 20:3	agent 16:20		
absolutely 25:3 86:21 159:19	adhering 160:13	ages 120:17		
abstentions 7:9 47:9 74:6 94:15 104:25 111:9 125:20	adjoining 160:13	ago 19:25 119:18 161:16 162:11		
academia 18:13	adjournment 5:25 154:13 162:22	agree 88:2 88:7 88:7 151:9 151:21 157:4		
academic 11:10	adjustments 120:8	agreed 109:21		
accept 6:20 7:3 73:19 104:13	administered 43:12	agreement 122:24		
access 12:23 72:11 72:13 150:4	administration 151:3	ahead 34:21 37:5 54:15 62:2 64:5 78:13 86:3 86:21 97:16 98:9 107:3 110:8 110:11 112:23 143:14 153:20		
accommodate 132:5	administrative 5:19 138:18 147:14 148:20 149:2 149:21 151:11	air 120:6		
accordance 157:8	administrator 3:8 3:9 8:3 8:5 10:14 126:6 126:7 138:13 138:17 139:12 141:20 141:23 147:15 148:3 148:23 149:17 150:7 152:4 152:15	alarm 23:21 33:18 34:1 34:3 34:10 34:17 36:4 36:4 36:8 36:8 36:10 36:14 37:7 37:9 38:5 38:6 38:15 38:18 38:23 41:7 41:10 41:25 58:5 65:17 65:18 65:24 84:10 84:16 84:22 84:24 85:1 85:4 86:11 101:3 121:25 122:3		
accreditation 162:3 162:8	advanced 11:2			
accurate 163:11	advantage 23:4			
acknowledge 65:18	advantages 115:19			
acknowledgement 5:4	affect 15:10			
acronyms 41:20	affects 15:12			
across 58:17 115:1	after 10:5 11:9 18:12			
action 73:10 163:16 163:17				
actively 100:7				
actual 63:9 120:8 127:10 132:2 144:9 154:23				
actually 39:7 46:19 46:21 53:14 53:19 60:4 60:16 61:19 63:14 63:16 64:12 64:18 65:12 65:24 71:15 71:19 73:10 75:1 86:12 116:14 116:18 120:7 129:3 138:6 141:2 143:1 155:1				
acute 95:14				

160:16 161:20 162:10 before 1:12 2:2 6:20 18:1 18:3 18:8 18:22 20:11 22:9 22:11 27:4 36:7 36:10 50:1 50:20 54:4 60:19 97:4 97:14 107:17 119:15 132:12 begin 6:18 7:11 18:3 126:24 beginning 32:16 behalf 139:14 144:8 150:9 behind 51:7 being 11:17 65:12 80:21 82:20 109:14 118:13 123:4 126:16 141:5 143:17 149:21 believe 39:19 61:23 66:22 67:12 67:14 76:5 78:4 78:18 97:10 100:6 102:13 124:7 139:1 below 27:4 benefit 14:12 bennett 3:11 7:15 7:15 96:25 127:19 best 53:8 54:1 64:9 115:5 163:8 163:11 better 14:14 42:25 43:1 44:8 125:1 between 67:5 67:21 114:21 122:12 153:20 beyond 162:2 biannual 135:6 big 11:4 11:5 11:6 119:14 119:20 156:5 biggest 73:6 bill 122:18 billy 100:4 100:7 bind 101:24 bit 24:22 43:4 58:24 bless 56:12 56:13 blowdown 60:6 60:8 60:11 60:16 60:17	blowout 60:8 blue 11:6 63:18 board 1:10 2:3 3:11 5:21 6:4 7:15 7:19 7:22 7:23 7:25 10:6 11:17 11:24 12:3 12:15 12:18 13:15 13:22 14:6 14:15 14:25 15:6 15:11 15:17 15:22 16:4 18:1 18:8 18:10 18:11 18:16 18:20 18:22 18:23 20:16 20:18 20:25 21:1 21:3 24:9 25:14 26:21 46:14 48:3 49:19 50:1 50:2 50:15 50:21 55:16 58:16 59:3 61:14 61:17 62:4 95:5 109:15 115:20 127:2 127:11 127:15 127:22 129:7 134:9 134:11 135:4 137:7 137:8 137:22 138:5 138:19 138:19 139:14 139:21 140:4 141:1 143:17 143:24 144:2 144:9 145:10 146:9 146:11 146:23 146:25 147:4 147:6 148:10 148:10 148:11 148:25 148:25 149:3 153:14 154:10 156:22 157:22 158:12 161:5 161:19 boat 147:5 boiler 1:2 1:10 2:3 3:7 4:5 5:6 5:21 6:5 8:23 9:6 9:12 11:18 13:9 13:24 14:1 15:25 16:2 16:4 17:2 17:20 19:6 20:9 20:17 20:19 21:4 21:5 21:15 22:16 27:5 27:5 27:12 27:14 27:16	29:10 29:11 29:24 29:25 30:16 31:1 31:23 33:19 34:1 34:3 34:9 36:5 36:12 36:13 36:18 37:7 37:8 37:14 38:25 39:1 39:17 39:22 39:23 40:14 41:5 41:6 41:12 41:25 42:2 42:4 42:7 42:9 42:13 43:6 43:10 43:21 43:25 44:2 44:12 45:4 45:5 45:8 45:13 45:16 45:21 45:22 46:14 46:18 47:10 47:21 47:23 48:14 49:2 50:5 50:18 53:7 53:20 54:25 55:19 57:24 60:9 61:17 63:16 64:10 65:17 66:4 66:7 67:6 71:7 71:9 73:7 73:22 74:14 77:3 77:17 80:7 80:16 81:6 85:5 86:2 86:12 87:15 90:17 90:23 90:24 90:24 91:3 91:10 92:4 93:10 95:4 95:20 96:7 97:8 98:11 99:1 99:17 99:23 100:4 101:1 101:8 103:5 105:1 105:23 105:25 107:15 107:16 107:23 108:17 109:8 109:17 112:7 112:12 113:13 116:18 118:3 118:10 118:16 118:19 118:21 118:22 118:23 119:6 119:7 119:10 119:15 120:12 120:25 121:8 122:15 123:3 127:2 131:9 137:3 138:25 139:14 140:2 148:9 149:9 149:10 152:15 152:17	154:9 156:8 156:9 158:20 159:14 160:1 160:4 160:17 162:2 boilers 13:7 13:10 14:20 18:18 22:15 22:22 23:16 27:7 27:17 27:23 40:4 51:17 51:25 53:2 53:4 53:21 54:24 56:6 56:14 56:17 56:23 57:1 57:6 58:3 58:14 59:5 64:15 66:17 66:18 66:20 67:12 67:13 67:25 75:24 75:24 76:4 82:16 82:20 89:3 92:10 95:16 95:16 95:22 96:7 96:12 103:25 105:16 105:16 106:3 106:6 106:16 111:25 120:5 137:15 159:17 bolts 49:8 book 92:1 156:4 born 21:4 boss 54:23 both 26:12 33:20 37:21 38:10 87:9 96:6 100:24 107:19 109:18 115:1 115:13 115:19 119:7 139:18 bottom 100:3 113:3 bounce 38:17 150:18 bounced 141:23 boundary 156:12 break 94:20 breaking 19:17 breaks 127:24 brian 1:12 3:3 7:21 70:8 132:4 161:5 brief 106:15 briefly 14:13 95:12 bring 83:3 83:8 136:20 146:13 146:14 146:15 147:11 152:6 btu 159:6	buckley 3:21 8:15 8:15 21:25 22:7 22:7 22:14 24:19 25:9 26:19 26:22 26:24 28:8 28:11 28:16 30:11 33:11 33:21 33:25 34:4 34:18 34:20 35:5 35:16 35:19 36:2 36:7 38:22 39:4 47:12 budget 128:7 131:1 132:13 132:19 133:24 134:23 budgets 134:25 build 156:8 building 5:23 9:24 9:25 11:20 20:22 116:8 127:12 132:7 156:9 built 156:19 bulletin 137:22 138:7 bunch 11:5 business 5:7 5:9 12:12 12:13 14:14 16:13 17:12 17:13 42:1 44:1 44:11 44:14 44:25 94:24 126:1 150:16 151:8 businesses 15:4 146:1 button 33:17 33:18 33:19 33:22 36:6 39:1 buttons 33:21 36:1
C				
			calibrates 120:6 call 5:2 6:5 7:2 23:22 47:3 60:12 66:1 66:5 71:23 73:25 93:14 94:9 96:13 101:13 104:19 111:4 120:25 125:14 161:21 called 29:10 53:18 calling 37:14 came 2:1 14:3 54:23 63:17 132:12 145:12 161:11	

161:14	7:21 8:8 9:20 12:1	70:19 70:22 71:1	110:2 110:5 111:1	156:24 157:2
campus 4:1 8:24	14:11 16:12 17:9	71:4 71:14 71:17	111:8 111:12	157:10 157:13
22:17 42:16 75:14	17:21 17:23 18:2	71:20 71:22 71:25	111:14 111:19	157:17 157:19
75:20 75:22	18:4 18:6 19:4	72:3 72:9 72:16	112:16 112:19	158:3 158:7 158:9
campuses 109:18	21:19 21:20 22:1	72:21 72:24 73:13	112:21 113:21	158:11 158:24
candidates 18:15	22:6 22:9 22:18	73:18 73:21 73:24	115:3 118:18	159:11 159:21
cannon 4:6 9:17 9:17	22:23 23:1 23:6	74:5 74:11 74:13	122:13 122:22	161:9 161:18
canonico 29:20 72:6	23:13 23:23 24:3	74:23 74:25 75:4	123:2 123:8 123:15	162:18
capable 56:17	24:6 24:11 24:12	75:7 75:13 76:7	123:17 123:21	change 50:20 66:11
capacities 116:9	24:21 24:24 25:3	76:20 76:23 77:1	124:10 124:13	76:12 77:25 78:6
capacity 27:4	25:5 25:10 26:1	77:15 77:18 77:22	124:18 125:4 125:9	83:19 90:10 101:6
capital 117:24	26:7 26:11 26:15	78:2 78:7 78:11	125:12 125:19	113:17 113:20
capture 17:16	26:23 28:20 29:1	80:22 80:24 81:20	125:22 125:25	141:10 143:13
captured 48:8 92:19	29:3 29:7 29:22	81:23 82:7 83:7	128:23 130:18	changed 76:15 78:23
care 49:8 66:6 95:14	30:1 30:7 30:12	83:11 83:14 83:16	131:3 131:12	87:3 143:18 143:22
career 11:11	32:12 32:18 32:21	86:3 86:5 86:16	131:15 131:18	143:23 144:15
carlene 3:11 7:15	32:24 33:2 33:5	86:20 86:25 87:4	131:21 132:9 133:3	changes 7:1 13:25
22:11 138:14	33:7 33:12 34:15	87:11 87:14 87:18	133:9 133:12	24:18 41:21 50:7
case 157:16	35:4 35:11 36:19	87:20 87:23 88:3	133:16 133:18	50:10 50:14 74:21
cases 5:20 154:8	36:23 36:25 37:2	88:5 88:9 88:12	133:20 134:7	76:5 76:10 76:11
casino 153:25	39:9 39:12 39:25	88:15 88:17 88:20	134:15 134:17	78:5 95:8 152:14
catastrophic 156:14	40:24 41:2 42:10	88:22 88:25 89:5	134:19 134:22	153:19
161:1	42:15 42:17 42:20	89:7 89:10 89:14	135:10 135:13	changing 144:12
catch 40:1	42:24 43:2 43:16	89:17 89:19 89:23	135:18 135:22	145:16 145:16
catholic 17:19 21:23	43:19 44:23 45:4	90:1 90:4 90:5 90:7	135:25 136:4 136:7	chapman 3:7 7:17
caught 56:5 59:6	46:3 46:5 46:24	90:19 90:21 91:1	136:15 136:18	7:17 16:11 16:15
cause 2:1	47:8 47:13 47:17	91:8 91:12 91:17	137:13 137:25	16:17 47:23 59:24
caused 160:23	47:18 47:21 47:25	91:21 91:25 92:13	138:2 138:4 138:12	74:17 74:20 75:6
causes 56:14	48:4 48:6 48:11	92:16 92:18 92:22	139:5 139:9 139:13	137:5 140:9
cb 66:17	48:16 48:19 48:22	93:7 93:17 93:19	139:19 142:11	chart 41:20 46:6
ccad 101:24	49:1 49:4 49:7	94:2 94:4 94:8	142:14 142:18	69:16 69:18 71:25
center 3:24 4:2 8:22	49:12 49:16 49:22	94:14 94:18 94:23	142:22 143:3 143:8	123:10 123:22
9:1 51:3 52:18	50:13 50:17 50:23	95:10 96:18 96:22	143:16 143:21	chattanooga 3:20
55:18 95:1 95:9	50:25 51:8 51:11	96:24 97:1 97:5	144:11 144:14	3:22 8:14 8:18 8:20
112:7 121:7 121:22	51:15 51:19 51:23	97:13 97:17 97:23	144:17 145:1	chatter 88:1
121:23	52:2 52:5 52:7	98:1 98:3 98:5 98:8	145:18 145:21	check 40:14 57:18
certain 91:5	52:10 52:12 52:19	100:12 100:16	145:24 146:20	85:16 86:7 101:3
certainly 6:12 10:6	52:23 53:24 54:3	101:15 101:17	146:22 147:16	120:11 154:20
13:14 19:8 150:2	54:7 54:9 54:12	102:5 102:14	147:19 147:22	checking 55:8 102:6
certificate 19:15	55:9 55:11 55:15	102:20 102:23	147:24 148:7	127:17 127:21
19:16 145:10	55:22 55:24 56:2	103:1 103:3 103:8	148:13 148:16	checklist 66:14 68:10
146:24	58:15 58:19 59:2	103:14 103:18	148:19 148:22	68:23 69:1 73:4
certification 137:3	61:7 62:11 62:15	103:22 104:10	149:14 149:25	124:3 124:4 158:4
161:23	62:21 62:24 63:4	104:15 104:17	150:6 150:12	159:22
certified 148:2 161:8	63:10 63:21 65:5	104:24 105:3	150:20 150:24	checkoff 64:19
certify 163:7 163:13	66:25 67:4 67:8	105:10 106:13	151:5 151:9 151:13	checks 29:24 40:12
cetera 15:15	67:10 67:15 68:4	106:18 106:21	151:21 151:24	40:14 40:15 40:19
chair 10:23 11:13	68:7 68:19 68:22	106:24 107:1	152:3 152:8 153:4	91:7 91:10 106:4
chairman 1:12 3:3	69:5 69:8 69:13	108:14 108:19	153:9 153:16	106:12
6:2 6:23 6:25 7:8	69:20 70:2 70:5	108:22 109:3 109:7	153:22 154:5	chemical 117:4 162:5
	70:9 70:12 70:16	109:10 109:22	154:16 155:16	

<p>chi 3:20 3:22 8:13 8:17 48:2</p> <p>chief 3:7 5:6 7:17 12:10 16:2 16:15 17:8 17:10 47:23 135:9</p> <p>chiefs 131:19</p> <p>chris 4:6 9:17</p> <p>circumferential 156:11</p> <p>citizens 15:12</p> <p>city 4:2 9:1 51:2 52:18 55:17</p> <p>clarification 79:18 80:15 81:16 86:15 92:2 118:24 157:22</p> <p>clarify 103:24 122:16</p> <p>clarity 17:25 41:4 41:16 159:22</p> <p>class 19:20</p> <p>classified 106:1 112:11</p> <p>clean 12:20 13:23 48:17</p> <p>cleaned 30:19 30:22 32:5 32:25</p> <p>clear 41:10 46:7 79:16 84:21 91:22 108:23 109:23</p> <p>cleared 41:7</p> <p>close 92:20 142:9</p> <p>co 120:11</p> <p>code 13:14 13:15 13:18 14:21 16:25 18:8 18:25 87:20 157:14 161:20</p> <p>codes 20:19 20:19</p> <p>coincide 82:21</p> <p>collect 139:13</p> <p>college 10:24 11:14</p> <p>color 34:12</p> <p>colored 35:13</p> <p>column 108:9 108:10 160:1</p> <p>columns 114:4 114:9 114:10</p> <p>combination 116:16</p> <p>combine 115:14</p> <p>combustion 4:3 4:4 9:3 9:4 120:8 145:3</p>	<p>155:15</p> <p>comes 18:22 19:8 19:19 38:20 41:14 50:5 115:20</p> <p>comfortable 11:22</p> <p>coming 17:4 25:19 25:20 54:17 75:15 133:18 141:7</p> <p>141:12 146:2 146:24 152:24</p> <p>comma 124:23</p> <p>comment 25:22 25:24 26:25 43:6 63:6 72:10 83:22 89:1 90:6 122:14 141:20 144:24 149:15</p> <p>commenting 149:4 149:5</p> <p>comments 14:7 16:6 17:10 26:2 26:17 39:10 39:13 41:3 43:17 47:1 48:7 49:5 54:15 69:14 73:14 73:15 73:20 73:25 90:22 92:23 93:20 93:24 94:1 94:3 94:9 98:9 104:13 104:18 107:3 108:15 110:3 110:23 111:2 112:25 114:18 125:5 125:13 136:1 138:9 138:20 138:25 139:7 149:3 150:3 152:11 152:24 154:6 162:21</p> <p>commission 108:25 135:2 135:7 163:22</p> <p>commissioners 9:14</p> <p>commissioning 3:21 3:23 8:16 8:20 22:8 28:3 49:17</p> <p>committee 128:6 128:7</p> <p>committees 128:11</p> <p>communication 96:3</p> <p>communications 4:6 9:18 160:2</p>	<p>communicator 31:6</p> <p>companies 132:12 135:1 141:7 141:9 141:24 143:12</p> <p>company 4:5 9:13 17:15 39:20 107:24 117:7 145:4 146:19</p> <p>compass 3:21 3:23 8:15 8:19 22:7 28:2 49:17</p> <p>competent 31:1 31:10</p> <p>compiles 16:1</p> <p>complete 31:21 123:17 163:11</p> <p>completed 29:9 46:25 152:17</p> <p>completely 69:3</p> <p>completing 49:9</p> <p>compliance 15:25 85:4</p> <p>components 160:11 161:13</p> <p>comprehensive 25:24 137:23</p> <p>concern 89:1 147:8 147:12 152:6 159:23</p> <p>concerns 145:14 150:3</p> <p>concludes 126:1</p> <p>conditions 106:10 119:19</p> <p>conducting 132:2</p> <p>conference 126:3 126:9 126:14 126:17 126:17 128:5 130:2 131:6 133:10 134:6</p> <p>conferency 5:17</p> <p>conflict 5:4 12:5 12:6 75:16 97:12 112:22</p> <p>conflicts 22:11 52:22 52:24 97:2 105:11</p> <p>confused 28:14 44:10 79:7 124:25</p> <p>confusing 115:25 155:24</p> <p>confusion 29:17 46:11</p>	<p>congressmen 148:7</p> <p>congruency 45:24</p> <p>connected 163:15</p> <p>conservation 116:6 116:14</p> <p>consider 51:25 98:6</p> <p>consideration 11:17</p> <p>considered 10:12 51:17 156:11 161:15</p> <p>considering 51:23</p> <p>consistency 109:24</p> <p>consistent 41:18 41:23 46:1 46:10 103:19</p> <p>consistently 118:13</p> <p>construction 20:21 137:19 137:20 157:14</p> <p>contact 36:12 65:18 65:20 74:16 98:11 99:1 99:23 129:9 134:18 140:3 141:1 141:9 154:2</p> <p>contacted 74:9 148:23</p> <p>contacts 135:12</p> <p>contend 64:15</p> <p>content 136:24</p> <p>contingent 46:15 46:16 73:17 73:20 93:23 104:13 110:22 125:7 125:22</p> <p>contingently 47:9 74:6 94:15 105:1 111:10</p> <p>continually 18:24</p> <p>continue 12:12 126:24 148:1</p> <p>continuing 10:16</p> <p>continuous 137:6 137:10</p> <p>contract 141:2</p> <p>contracted 120:9</p> <p>contractor 108:3</p> <p>control 4:3 4:4 9:3 9:5 37:13 37:21 38:9 38:10 38:11 38:22 78:4 96:11</p>	<p>121:22 145:3</p> <p>controlled 27:8</p> <p>controls 23:15 23:15 23:16 38:8 56:9</p> <p>conversation 138:16</p> <p>conversations 138:16</p> <p>cool 45:6</p> <p>cooling 116:17</p> <p>coordinator 96:12</p> <p>copies 12:19 35:16</p> <p>copy 12:16 12:20 13:23 13:24 48:17 138:15 150:5</p> <p>corner 113:4</p> <p>correct 25:6 25:7 25:11 25:20 26:2 27:16 27:21 30:10 33:23 34:7 42:2 42:4 44:2 45:5 56:15 58:25 75:7 75:8 76:8 76:16 76:20 90:25 113:6 139:20 145:8 145:16 147:19 153:5 158:4 159:10 159:11 159:19</p> <p>corrected 25:22 45:23</p> <p>corrections 125:8</p> <p>corrosion 137:16</p> <p>cost 132:14 142:3 146:4</p> <p>costing 132:11</p> <p>costs 142:4 145:16 145:18 146:2</p> <p>couldn't 87:14 90:16</p> <p>counsel 3:10 8:7 163:14 163:15</p> <p>count 135:5</p> <p>country 146:16</p> <p>county 129:19 129:22 163:3</p> <p>couple 69:14 122:14 145:9</p> <p>coupled 48:12</p> <p>course 60:20 128:3 128:10 128:19 129:21 132:6 134:9 138:21 149:5 152:21 160:2</p>
--	--	--	---	---

court 1:23 6:14 7:11 17:16 163:7	156:17	delineation 67:20	dietary 76:2 95:18 105:19 112:3	doesn 43:7 85:4 99:9
cover 12:7 25:1 119:7 122:1 137:17 137:19	dan 3:10 8:6	delinquents 16:22	difference 67:5 142:2 142:2	doing 11:10 28:19 33:9 40:13 46:21 47:19 53:17 64:8 73:8 73:9 80:13 82:4 86:11 91:6 106:3 120:8 142:2
covered 16:13 161:21 162:3 162:13	data 58:18 58:21 87:1 104:5	demand 95:16 105:17 111:25	differences 114:21	domestic 76:2
cracking 137:16	date 25:18 113:24 114:6 114:9 126:10 128:19 131:2	demands 27:3 27:11	different 35:13 37:19 116:7 119:18 120:17 121:25 141:12 142:1	dominique 1:23 7:13
create 14:25 15:4 95:7	dates 149:18	denmark 102:10 102:11	digest 139:3	don 22:18 30:21 38:11 39:19 41:21 43:10 43:11 44:9 45:17 46:9 47:22 53:19 55:1 55:5 58:16 58:19 66:24 67:25 70:9 72:4 79:1 84:9 84:23 85:25 87:12 88:5 89:20 92:1 92:5 97:9 100:6 101:11 101:12 102:13 119:21 123:10 145:22 148:8 148:11 150:22 151:7 151:10 153:7 153:12 156:12 156:19
created 160:25	dave 7:23 37:5 39:13 78:13	denote 60:15	direct 9:24	done 10:7 13:12 16:18 17:3 23:19 62:17 63:13 66:23 149:24 150:5 156:2 156:3
creates 156:23	david 3:5 4:3 9:2 99:4 101:13 159:2	department 1:1 2:3 3:16 4:6 5:22 9:15 9:18 11:13 15:23 32:15 131:1 132:22 154:12	direction 15:2 151:16	door 72:12
cross 122:12	davidson 17:7	deputy 126:14 126:22 130:2 144:5	directly 152:6	doors 23:18
csd 20:19 59:4 61:8 155:2 155:5 156:5 156:6 156:15 156:23 156:25 157:8 157:21 159:4 159:5 160:10 160:14 160:16 160:18	day 2:2 19:21 19:22 19:22 61:1 61:3 61:4 75:25 84:6 84:13 95:17 105:17 112:1 126:21 127:9 156:2 158:5 158:6 158:7 158:8 158:10 158:15 158:17 159:25 159:25 160:19 163:18	describe 43:16 124:21	director 32:3 39:16 54:23 96:15 109:6 109:12 122:24	doubt 162:17
ct 5:22	days 20:2 31:10 32:9 50:1 75:25 95:17 105:17 112:1 136:25 140:21 140:23 141:5	describing 90:23	disaster 9:23	dower 3:16 9:14 9:14
curiosity 107:15 129:1	deadline 50:3	description 40:3 45:16 62:8 68:14 78:18 78:22 96:4 103:9 119:3 123:11 123:23	disclosure 5:4	down 27:5 30:22 34:1 34:5 34:9 42:9 57:1 57:2 57:2 57:4 58:3 58:14 66:7 73:9 83:3 83:8 93:14 100:3 127:25 132:11
current 12:25 99:25	dearator 87:1	descriptions 62:23 77:12 103:6 103:10 103:20	discuss 14:3 54:8 54:13 78:9 96:20 106:23 112:18	dr 3:6 3:13 6:22 7:6 7:25 8:8 8:9 10:3 10:11 10:19 10:21 18:11 21:1 24:1 24:5 29:20 47:5 59:18 59:20 59:23
currently 22:21 22:24 28:8 28:10 28:19	deal 61:18	design 3:21 8:16 14:18 22:8 22:8 28:3 82:18 87:2	discussed 43:9 48:20 152:13	
cutoff 37:6 37:12 38:3 38:5 60:23 84:3 85:6 86:8 108:8 113:1 114:13	dealing 11:18 92:9	designed 67:13	discussing 97:15 140:6 152:9	
cutoffs 37:8 37:12 38:1	dean 10:24 11:14	desire 148:1 148:4	discussion 5:16 12:19 23:25 24:8 54:4 126:2 148:24 152:1 152:9 152:12 154:6 160:19 161:4 161:4	
cutout 154:19 158:1	death 40:10	desk 77:5 77:9	dispatch 31:22 112:7 121:7 121:21 122:1 122:7	
D	debating 89:8	destruction 40:11	disposition 121:17	
da 40:4 40:8 40:8 40:15 40:18 82:13 82:18 83:8 83:17 89:2 104:4 104:5	deborah 3:12 9:6 126:5 131:5 138:9 154:1	detailed 96:4 119:5	disrupts 75:10	
daily 29:11 29:12 30:15 60:6 60:7 60:9 60:16 60:22 84:1 85:11 85:12 85:14 86:15 108:8 113:6 156:4 158:4 158:12	december 12:18 17:5	details 15:2 43:7 77:8	disseminate 134:2	
damage 137:15	decided 11:10	deterrent 82:22	disseminated 141:7	
	decides 146:10	developed 119:17	distance 112:6	
	decreased 27:4	development 1:1 2:4 3:17 4:6 5:23 9:16 9:19 15:24	divert 59:3	
	definitely 100:8 129:16 162:17	device 60:23 84:3	division 1:2 15:24 126:13	
	definition 29:21 155:23	didn 24:3 28:6 38:19 43:25 54:21 57:17 60:15 60:19 61:20 62:8 65:11 66:20 86:1 95:7 96:25 99:24 101:16 120:7 139:23 140:24 158:21	divisional 24:22 25:25	
	definitions 13:16		document 84:14 85:22 142:25	
	degrees 11:2		documentation 81:25 82:2 82:5 118:13 137:18	
	deletions 7:1			
	delineates 119:1			

60:1 70:1 70:4 70:7 70:11 72:6 73:23 74:4 86:19 86:21 87:1 87:5 87:6 87:13 87:16 87:19 87:22 88:2 88:4 88:7 88:11 88:14 88:16 88:18 88:21 88:23 89:4 89:6 89:8 89:12 89:15 89:18 89:22 89:25 90:2 94:13 104:23 110:9 110:10 110:12 110:16 110:20 110:24 111:6 111:7 125:7 125:18 136:22 137:12 137:24 138:1 138:3 147:10 147:18 147:23 151:2 151:6 151:10 151:14 151:22 151:25 152:4 158:5 158:8 159:8 162:24 draft 138:15 148:23 drain 160:11 160:21 160:23 drains 161:7 draw 153:24 drive 2:5 5:23 dubois 1:23 7:13 163:6 163:21 ducks 143:15 due 15:13 106:9 117:23 146:24 during 6:12 16:3 27:9 31:12 40:9 95:4 107:18 duties 18:9 29:21 29:25 30:10 30:16 37:3 79:22 91:18 107:5 121:13 123:22 159:24 duty 100:18 107:5 122:11	160:11 ear 151:15 earlier 114:18 easier 13:11 14:25 69:9 eastman 146:23 150:23 150:25 ed 11:11 editorial 50:8 50:14 educating 11:11 education 23:20 103:5 effect 54:21 effective 15:6 15:7 efficiencies 115:4 efforts 136:19 eight 118:6 118:7 118:14 119:9 146:17 156:1 eighty 108:6 either 9:24 88:6 117:1 127:25 137:7 137:8 146:5 150:25 160:24 eked 153:19 elaborate 91:14 98:23 electric 11:9 11:21 eliminates 46:10 else 21:21 46:11 100:16 101:12 104:10 110:5 119:13 162:18 em 38:24 emergencies 107:25 emergency 9:22 23:17 35:15 41:24 96:13 119:18 119:22 160:16 employed 65:13 employee 163:15 employees 99:21 109:2 employing 95:14 ems 23:19 31:5 31:16 31:22 32:3 38:16 38:25 39:16 encourage 152:5 158:15 end 30:18 30:20 31:8	31:13 32:13 33:1 60:16 127:13 145:17 162:25 energy 116:5 116:14 116:15 enforced 160:18 enforcing 19:7 160:16 eng 3:14 8:10 8:10 engineer 3:6 11:1 11:8 22:8 64:18 engineering 3:15 9:9 10:25 11:13 11:14 43:21 45:13 45:23 53:19 71:12 75:18 105:7 engineers 53:18 66:15 enough 74:24 entire 127:9 130:22 entity 26:3 160:22 environment 11:22 equipment 15:3 15:9 15:13 16:1 19:10 26:18 40:3 58:18 76:2 79:4 81:9 81:11 82:11 87:10 95:19 105:19 112:3 120:17 136:10 equipped 27:14 erectors 14:17 escort 9:23 especially 100:3 115:20 120:11 esq 3:8 3:10 essential 15:5 15:7 30:13 30:16 establish 134:23 estimate 130:12 130:13 et 15:15 eugene 3:4 7:19 107:3 112:23 134:25 even 35:11 38:21 53:13 55:14 72:16 116:2 122:2 122:4 131:13 156:13 event 9:22 126:12 161:1	ever 92:24 120:19 121:16 every 22:25 23:11 23:12 40:14 41:6 52:8 60:17 113:17 113:19 114:4 114:11 118:6 118:7 118:14 119:22 119:22 137:5 156:9 156:10 160:15 everybody 6:3 16:7 41:14 52:14 64:16 94:24 101:12 122:24 139:7 everyone 6:4 10:22 132:5 everything 54:24 72:25 103:15 115:6 evidence 84:2 exactly 63:20 83:18 131:10 135:8 135:17 137:9 exam 63:12 example 15:21 29:4 30:25 59:11 exceed 87:23 excellent 25:22 40:23 49:23 117:1 138:10 except 118:14 excited 11:16 128:20 exciting 135:19 excusable 31:14 excuse 16:22 47:15 56:11 59:12 existed 119:19 existing 13:25 15:3 113:18 exists 55:4 exits 23:17 expect 109:19 132:10 experience 109:13 111:15 119:12 expertise 11:18 20:17 20:21 expiration 142:9 expires 163:22 explained 109:12 extreme 106:10 extremely 145:17 eye 56:6	<hr/> F <hr/> fabricated 19:11 fabrication 14:19 face 10:20 faced 146:8 facilities 96:15 115:1 facility 9:11 54:23 106:5 108:21 fact 25:11 46:16 119:6 128:21 155:25 156:17 failsafe 56:21 fair 59:2 fairly 127:14 fall 5:17 126:3 126:14 fanatic 11:4 fans 11:5 fantastic 116:25 far 38:8 40:3 53:11 53:12 55:4 83:22 123:23 124:23 127:24 137:17 148:10 149:22 153:14 154:1 158:1 fashion 64:21 fast 133:18 faulted 160:21 favor 7:3 47:3 74:1 94:10 104:20 111:4 125:14 162:22 february 145:13 fee 152:16 153:1 feedback 27:7 feel 33:17 fees 134:24 144:20 152:16 feet 77:4 95:21 105:22 112:8 few 12:11 41:3 85:24 133:13 143:14 146:6 field 39:6 46:22 48:12 fieldstone 1:24 fifth 146:3 figure 86:3 112:5 113:23
<hr/> E <hr/> each 19:18 19:21 19:22 24:25 26:21 37:8 101:8 159:24				

final 46:18	footprint 19:9	113:17 113:19	153:24 154:1 162:1	61:6 64:12 69:9
finance 128:7 132:20	foregoing 163:10	114:4 114:11 116:3	gets 75:5 162:1 162:4	70:23 87:21 88:1
financial 150:15	foreman 3:18 9:10	fourteen 31:3	getting 30:8 36:14	89:24 101:6 110:15
152:18	9:10 105:8 105:8	franklin 1:25 55:20	38:14 49:8 49:10	111:3 112:25 114:5
financially 163:16	106:7 106:9 107:13	french 2:4 5:23	99:23 99:25 139:2	114:10 115:9
find 13:4 28:6 32:2	107:16 107:21	frequency 106:6	143:15 145:9	115:12 115:13
51:10 51:13 53:12	107:23 108:2 108:6	114:11 149:10	155:21	116:3 116:3 117:12
54:19 55:2 55:10	108:9 108:17	friendly 12:22	give 10:18 14:5 20:12	125:14 128:21
59:17 61:17 90:16	108:20 108:24	front 77:5 77:9 151:8	22:19 36:10 38:15	129:3 129:7 129:8
151:15 154:23	109:5 109:8 109:11	fuel 120:6 156:16	45:24 65:3 65:25	129:10 130:1 130:3
fine 19:22 20:3	110:1 110:4 111:15	fuels 107:20	given 30:25 32:14	130:20 130:21
122:25 139:10	113:3 113:7 113:9	function 91:4	gives 19:9 58:24	130:21 133:13
finks 3:9 8:4 8:4	114:17 114:20	functions 30:13	68:14	134:5 135:2 135:9
56:11 138:21	114:24 115:4 115:9	78:23	giving 16:20 16:24	135:11 135:21
152:21	115:12 115:18	fund 130:20 130:21	31:9 31:10	140:5 141:7 141:8
fire 22:15 67:5 67:16	115:23 116:1	furnish 95:17 105:18	glad 86:13	141:15 142:3
122:3	116:13 116:21	furnishing 76:1	glen 3:6 7:25 10:3	144:21 145:7 147:1
fired 53:1	116:24 117:3 117:6	112:1	glenwood 22:16	147:6 149:16
fireye 38:10 38:22	117:14 117:19	further 91:14 117:8	go 6:8 11:5 11:6 12:8	150:11 150:25
firing 116:7	117:22 118:1 118:7	163:13	13:3 14:13 18:8	151:16 152:19
first 14:13 17:18	118:9 118:15 119:2	future 136:16 149:6	19:7 20:10 34:21	153:10 158:23
21:5 24:20 31:5	119:24 120:10	149:7 149:9	37:5 38:4 38:6	161:16 161:19
62:5 63:7 70:20	120:15 120:22	G	38:16 38:18 40:14	161:24 162:12
90:9 126:3 127:13	120:24 121:4 121:6	gain 72:13	41:12 46:19 54:15	gone 31:21 95:6
156:10 156:10	121:11 121:21	gaining 116:9	56:20 62:1 64:5	145:11
five 15:16 46:7 58:10	122:9 122:18	gaps 116:4	70:23 71:4 71:15	good 6:2 7:9 10:21
79:9 81:24 119:6	122:23 123:6	gary 109:9 122:20	78:13 86:2 86:3	12:25 16:7 24:16
124:5 124:8 124:22	123:20 124:3	gas 53:1 107:11	86:21 91:10 95:11	30:25 35:12 40:1
146:16 162:11	124:16 125:21	156:16 160:11	97:16 98:9 107:3	40:16 49:12 49:20
fixing 145:4	forgive 59:16 86:3	160:21 160:23	110:8 110:10	63:13 63:21 63:24
flange 156:9 156:10	form 64:21 90:8	160:24 161:7	112:23 119:16	65:15 74:24 75:17
floor 2:5 11:7 11:20	formally 49:21	gave 55:2 70:13	119:19 121:18	86:7 89:11 90:3
14:8 24:8 54:14	format 63:11 129:4	general 11:9 11:21	126:7 129:3 129:16	92:2 97:11 100:14
78:11 97:14 103:14	129:17 152:10	11:21 41:13 131:7	130:6 138:5 138:7	103:10 103:15
107:2 127:13 128:1	formed 21:3 128:5	160:3	138:23 147:6	111:11 111:13
128:2	forth 64:7 66:18	gentlemen 22:2	147:15 147:17	111:14 115:13
flowers 4:3 9:2 9:2	forthcoming 128:17	22:13 46:13 51:1	153:18 153:25	117:7 117:25 119:2
154:14 154:17	forward 6:10 17:14	75:15 104:25 111:9	157:7 162:5	120:3 122:8 129:12
154:22 155:3	22:2 24:21 25:19	george 1:23 7:14	goes 29:8 43:5 64:18	129:25 129:25
155:12 155:19	25:21 48:13 75:15	get 23:21 36:10	86:11 92:11 143:1	131:11 138:7
157:20 157:25	133:19 141:11	36:11 38:10 54:25	going 6:13 12:10	143:14 144:16
158:13 159:2 159:2	141:25	57:23 58:6 58:13	12:11 13:3 16:14	154:6 162:16
flyers 130:7	found 16:25 24:17	70:23 74:18 83:4	17:7 17:11 18:12	got 6:25 28:14 28:25
focus 154:18	100:18	89:20 94:24 94:24	20:12 20:13 22:20	34:17 37:22 39:9
focused 151:6	four 15:10 27:1	101:13 134:24	23:10 23:24 24:7	39:12 41:3 47:2
folks 19:25 20:7	40:15 53:15 66:18	135:14 135:23	24:17 24:21 25:1	51:24 56:6 56:7
87:24	66:19 66:21 67:12	136:9 137:8 137:22	25:13 32:2 42:6	56:8 57:6 58:3
follow 48:21 54:1	67:19 67:21 68:6	142:16 144:19	42:13 42:19 47:3	64:11 65:8 66:6
following 2:6	71:21 91:6 94:20	144:20 145:22	48:7 50:11 51:3	66:7 68:12 69:14
food 40:11 128:9	106:4 106:11		56:9 58:25 59:3	69:21 70:10 70:18
				72:8 101:3 101:12

101:17 109:13 113:11 125:9 134:14 142:16 143:13 144:24 146:4 146:13 146:14 148:22 154:25 155:5 160:2	156:14 happened 161:17 happening 133:4 happens 23:22 41:9 41:16 63:19 142:10 152:22 happy 116:11 116:13 150:25 hargrove 3:13 8:8 8:9 8:9 10:11 10:19 10:21 10:24 21:1 136:22 136:22 137:12 137:24 138:1 138:3 harper 4:1 8:23 8:23 75:19 75:19 78:19 78:21 82:25 84:5 84:9 84:12 84:15 84:18 84:24 85:1 85:7 85:18 85:20 85:22 91:15 91:24 92:8 92:15 92:17 92:21 93:5 93:12 93:18 harris 76:15 76:18 harrison 146:6 hat 146:23 hate 153:18 haven 51:12 53:14 60:8 60:18 129:2 149:6 160:13 160:18 having 26:7 29:4 115:19 133:8 143:23 head 162:22 header 56:7 56:8 health 17:19 21:23 55:18 hear 6:14 24:3 145:6 heard 155:13 161:5 161:6 hearing 2:2 2:5 7:2 16:7 16:7 17:11 22:12 104:19 110:6 111:3 112:23 heating 76:1 76:2 95:18 95:18 105:18 105:19 112:2 112:3 116:17 156:18	heavin 76:14 held 126:18 127:15 help 13:19 67:4 68:23 69:2 135:23 helped 63:17 hereby 163:7 high 27:15 27:18 27:20 27:24 36:7 36:8 75:24 76:1 95:15 105:16 105:18 111:25 112:2 119:14 121:25 161:24 161:24 higher 11:11 highly 136:8 himself 10:19 120:9 120:20 hire 31:8 31:25 32:15 65:6 65:12 119:10 hires 43:8 53:16 64:7 64:11 64:19 historic 13:10 history 120:15 hits 38:25 hold 12:10 113:25 holder 139:22 144:19 holders 145:11 147:25 honed 107:10 honest 60:14 156:8 honestly 32:1 honeywell 161:11 161:13 161:14 hope 130:13 136:12 hoping 17:24 30:23 150:10 horse 22:22 horsepower 22:15 53:2 53:3 53:3 53:5 57:9 57:12 57:14 159:14 159:18 hospital 3:19 8:12 17:19 21:24 22:5 22:16 44:13 53:23 55:20 55:24 56:10 95:13 95:14 95:15 105:4 105:9 105:15 111:20 114:21	117:11 119:14 121:16 122:2 hospitals 3:18 9:11 15:15 115:1 host 126:19 127:2 127:9 127:25 hosted 128:4 hosting 126:13 128:21 hotel 126:19 126:20 hotels 15:15 hour 28:7 53:15 59:11 60:4 71:21 91:6 106:4 106:11 114:11 114:13 156:1 156:1 hours 23:12 23:19 40:15 42:1 43:22 44:2 44:11 44:14 44:25 75:25 95:16 105:17 112:1 113:17 113:19 113:25 114:4 114:9 116:3 118:6 118:7 118:14 house 128:4 131:25 how 19:10 20:23 21:15 22:20 27:2 38:12 38:21 39:6 41:15 43:8 43:12 44:7 44:15 44:16 44:22 46:20 54:19 54:20 57:25 69:18 72:10 72:17 91:1 91:22 98:23 103:24 103:25 106:15 107:14 109:15 130:9 137:14 141:6 149:21 154:2 however 30:14 82:2 hr 119:5 humidification 105:20 112:4 humidifiers 76:3 95:19 hvac 123:4 123:6 123:11 123:16	ideal 63:7 identification 65:3 125:2 identified 64:21 identify 65:2 137:14 igniter 160:25 ii 5:3 iii 5:4 illusionary 90:17 immediately 35:14 impact 142:3 150:16 implement 113:22 implemented 30:9 important 40:8 73:7 impression 152:1 incident 87:15 include 22:20 25:4 26:21 62:20 101:12 159:24 159:25 included 140:17 includes 48:19 50:19 including 68:21 incorporate 132:13 incorporated 63:9 incorporating 73:20 104:13 115:10 incorporation 110:23 increase 27:10 152:16 increases 153:1 independently 56:18 index 95:7 indicating 161:12 individual 71:7 71:10 72:5 95:22 118:24 144:1 individuals 23:4 31:17 96:1 112:9 112:11 industrial 39:21 39:22 119:12 industry 11:25 15:14 20:18 136:10 infancy 162:9 information 40:8 55:5 58:21 98:11 99:2 99:24 104:5 104:8 115:16 116:4 128:16 128:20
H				I
hadn 31:21 60:18 60:18 half 51:14 159:6 hand 29:8 29:9 94:6 handled 50:18 122:5 handles 122:15 122:16 handling 149:8 hang 71:6 hanging 162:19 happen 25:11 27:11 133:13 152:19				idea 151:7

129:6 129:14 131:2 132:18 132:24 133:25 134:12 135:9 135:24 138:20 139:24 139:25 141:6 141:15 141:24 149:12 150:18 154:1 informative 129:14 infrared 66:20 infrastructure 116:17 ingram 122:18 initiatives 17:19 21:23 injury 40:10 input 149:23 150:19 159:6 162:15 inside 9:24 53:7 145:8 inspect 157:7 157:10 157:13 inspected 16:21 19:11 160:12 inspecting 20:23 157:8 inspection 5:19 13:15 14:17 14:19 19:15 47:20 48:12 48:25 49:9 49:9 93:25 120:6 125:8 137:14 149:10 157:6 161:20 inspections 16:18 19:7 inspector 3:7 5:6 7:18 16:2 48:5 100:4 100:7 126:22 137:11 144:6 152:16 inspectors 16:19 16:23 16:24 126:15 130:3 130:3 135:2 137:3 153:2 install 117:11 117:12 installation 137:19 157:6 installed 19:11 23:15 23:18 51:17 117:13	117:18 117:23 instance 50:10 instead 23:12 70:6 81:24 113:19 141:12 143:23 insurance 3:4 16:20 16:23 18:17 integral 40:12 integrity 3:14 intense 116:5 intention 42:22 interest 5:4 10:17 12:5 22:11 52:24 75:16 97:2 105:11 112:22 126:15 130:4 132:21 interested 38:2 39:6 67:11 67:20 141:22 163:16 interesting 20:7 37:25 140:18 international 39:17 39:20 interpretations 5:20 154:8 introduce 10:19 22:2 introduction 68:12 introductions 5:3 7:11 7:12 invitation 10:23 invited 129:20 131:16 162:17 invoice 146:5 147:7 involve 137:13 involved 80:19 98:24 iowa 11:3 isn 31:23 issue 42:4 64:15 132:8 147:14 151:17 151:17 153:12 156:5 issues 42:2 44:2 45:5 45:22 83:5 151:4 151:23 item 6:9 6:11 7:10 12:2 12:11 12:12 12:13 12:13 12:17 14:2 16:14 16:14 17:12 17:14 17:18 21:22 51:2 65:16	68:12 73:16 75:14 94:25 105:4 105:11 111:19 124:4 126:2 126:3 138:18 148:24 154:7 154:9 154:12 161:19 items 5:16 12:3 13:9 17:13 17:17 18:7 49:25 69:10 73:4 97:24 126:1 126:2 152:9 159:22 itself 34:19 39:2 53:7 56:25 72:17 101:1 iv 5:5 ix 5:20 <hr/> J <hr/> jackson 146:7 james 3:15 3:23 8:19 9:8 28:2 34:8 49:15 75:18 82:13 86:6 105:7 jann 3:16 9:14 january 145:13 jason 76:14 jefferson 3:8 8:2 8:2 10:14 10:22 17:21 17:24 18:3 18:5 18:7 21:18 126:6 138:13 138:17 147:15 147:21 148:3 148:23 149:17 150:7 152:5 152:15 job 30:4 36:22 45:15 50:8 62:8 62:22 63:14 77:8 77:8 77:11 78:22 80:5 80:6 96:4 103:6 103:8 103:9 103:19 119:3 120:3 121:13 123:11 123:23 136:2 138:10 jobs 14:25 15:4 john 149:22 johnson 3:6 4:2 6:22 7:6 7:25 7:25 8:25 10:3 18:11 24:1 24:5 47:5 51:2 52:18 55:17 59:18	59:20 59:23 60:1 70:1 70:4 70:7 70:11 73:23 74:4 86:19 86:21 87:1 87:5 87:6 87:13 87:16 87:19 87:22 88:2 88:4 88:7 88:11 88:14 88:16 88:18 88:21 88:23 89:4 89:6 89:8 89:12 89:15 89:18 89:22 89:25 90:2 94:13 104:23 110:9 110:10 110:12 110:16 110:20 110:24 111:6 111:7 125:7 125:18 147:10 147:18 147:23 151:2 151:6 151:10 151:14 151:22 151:25 152:4 158:5 158:8 159:8 162:24 joint 108:25 142:8 156:11 july 21:13 99:2 99:24 jump 16:14 35:20 jumping 33:14 june 5:22 10:5 10:8 18:12 117:23 134:7 134:9 154:11 jurisdiction 14:18 140:24 144:7 jurisdictional 142:17 147:3 157:15 jurisdictionally 148:1 just 6:8 6:13 9:21 10:19 12:2 12:2 12:10 12:19 14:5 16:15 20:11 21:2 25:23 30:12 33:16 40:2 40:11 40:13 40:16 41:3 41:4 41:8 41:13 41:16 41:22 42:3 42:7 43:3 43:13 44:10 44:21 44:24 45:4 45:23 45:25 46:9 46:10 46:13 49:4	50:7 55:11 57:12 60:18 61:9 62:1 63:18 66:25 67:19 68:19 69:2 69:14 70:14 72:4 72:5 78:5 79:15 79:25 81:12 81:13 81:15 81:24 82:4 82:5 82:22 83:3 85:3 86:7 86:10 86:22 87:19 88:1 89:5 89:12 89:17 90:10 90:21 91:21 91:25 92:18 93:15 93:15 97:15 98:5 102:5 103:24 104:6 107:15 108:22 109:23 117:20 118:24 120:7 121:12 122:13 122:16 123:17 124:24 129:1 136:10 138:20 140:12 141:6 145:12 146:7 149:6 150:7 150:18 150:22 152:11 153:5 153:5 153:11 153:12 153:17 153:23 155:24 156:17 159:21 162:13 <hr/> K <hr/> keep 136:13 keeping 82:4 keith 3:13 8:9 10:11 10:24 136:22 kelley 4:5 9:12 9:12 kept 29:14 81:25 101:1 108:20 kim 3:8 8:2 kind 24:21 28:13 36:9 43:3 43:5 92:10 119:4 129:16 130:24 131:22 150:19 160:10 kinds 151:3 knew 63:16 63:20 know 12:11 19:20 19:24 20:11 30:15
---	--	---	---	--

30:21 35:14 36:13 38:12 38:19 41:17 41:21 43:11 44:9 45:17 46:8 46:13 47:22 48:13 50:4 50:9 55:5 58:24 60:19 63:8 65:11 66:6 66:20 67:2 67:20 67:25 68:25 69:2 69:18 70:9 72:4 73:8 79:1 82:3 84:9 84:20 85:25 88:3 88:10 89:5 90:23 91:22 92:1 92:5 97:7 99:24 101:12 109:1 109:19 109:24 115:20 116:8 118:1 120:7 124:22 129:10 129:11 130:4 133:21 134:12 134:25 135:14 139:2 139:3 141:10 141:25 143:12 145:13 146:1 146:3 146:4 146:7 146:18 147:2 148:4 148:8 148:24 150:22 151:17 151:19 151:20 151:23 153:11 153:12 153:17 153:23 155:15 155:17 156:2 158:21 158:23 159:16 160:20 knowing 13:5 120:15 knoxville 17:6	last 15:20 16:18 51:10 72:9 95:4 99:23 103:23 108:10 109:14 122:14 126:16 141:13 142:8 146:6 153:19 later 30:19 30:21 78:5 128:19 131:2 132:19 law 21:4 21:5 21:14 21:15 49:24 154:23 layers 151:11 lcr 1:23 163:6 163:21 lead 106:2 108:17 109:9 112:12 118:21 119:15 120:3 120:5 122:15 122:19 122:25 leader 143:24 144:3 144:6 144:6 144:8 146:12 147:4 148:2 leading 150:15 leads 118:2 118:4 learned 114:20 learning 11:23 least 28:22 61:1 61:2 61:4 84:1 84:4 107:17 161:15 leave 41:11 47:15 93:13 93:16 114:8 118:15 121:18 122:6 left 158:21 legal 3:10 8:6 legislation 21:7 legislative 126:7 150:17 legislature 138:22 let 6:18 16:14 27:2 27:3 27:7 36:13 46:5 48:3 66:5 69:23 70:10 71:4 71:5 71:6 72:14 84:8 94:19 94:24 101:22 112:24 126:21 134:4 141:10 141:25 146:7 151:23 152:20	letter 26:8 76:24 77:2 101:21 145:9 level 36:9 37:10 40:21 88:23 161:5 levels 20:17 lewis 109:9 122:20 liaison 77:7 78:15 79:7 79:24 80:16 93:2 93:3 like 13:21 17:3 19:10 20:19 33:17 40:7 42:18 44:24 50:9 53:14 53:25 55:12 72:25 84:1 85:5 86:22 87:7 97:19 104:6 116:1 116:6 121:22 128:6 128:10 130:7 130:7 132:19 134:25 135:3 136:1 137:7 137:14 137:16 137:20 141:14 145:14 146:18 150:21 151:20 153:12 155:18 158:21 162:10 likelihood 56:21 limit 27:18 limits 27:20 lined 64:12 64:16 link 157:1 list 37:2 76:5 96:13 97:18 100:2 103:4 103:4 107:5 107:5 123:3 listed 30:13 58:18 69:17 76:4 76:10 91:18 96:7 listening 114:18 listing 26:18 82:11 123:18 lists 18:9 19:13 77:8 79:21 96:14 100:18 little 24:22 43:4 44:10 51:6 64:19 79:7 84:21 115:24 124:25 146:5 lives 15:12 ll 6:8 6:16 7:2 7:11 10:2 10:8 13:15	17:12 17:16 23:2 23:25 24:10 27:9 30:15 35:14 41:20 42:21 46:25 47:15 48:8 49:7 58:2 58:13 59:17 64:10 69:18 73:25 74:21 76:4 76:20 86:14 92:2 94:9 94:20 95:11 96:18 98:5 102:19 104:1 104:19 105:12 113:1 113:19 114:3 114:8 114:9 126:1 128:19 130:6 131:2 132:12 134:8 134:10 134:12 135:4 135:14 139:6 139:11 139:13 140:2 140:16 141:23 142:16 144:3 145:9 146:8 147:7 149:14 149:15 149:16 load 116:18 loads 116:8 116:8 116:17 local 150:17 located 5:23 75:23 77:4 77:5 77:10 95:12 95:20 111:24 location 77:20 78:6 127:17 lock 132:10 locked 72:13 locomotives 11:20 log 23:11 28:6 28:7 28:9 28:12 28:23 29:10 29:11 29:12 30:25 43:7 43:11 53:15 59:10 60:3 60:4 60:9 60:22 65:8 85:10 86:15 108:10 113:4 113:14 113:17 113:18 114:22 115:15 logged 84:10 logging 118:6 logistics 128:17	logs 28:18 118:3 long 21:15 42:6 longstanding 108:3 look 13:4 19:10 20:13 26:8 49:24 90:14 92:20 129:6 looked 24:15 24:16 looking 11:23 23:2 23:10 55:15 66:16 78:4 82:12 113:24 121:10 121:15 130:16 131:23 132:1 133:17 145:15 157:21 looks 69:18 87:7 121:22 loop 123:18 lot 11:19 13:13 13:15 13:16 37:19 85:23 92:11 109:13 111:16 115:18 122:12 146:18 155:24 159:17 loud 140:19 loudly 6:14 17:15 low 36:7 36:8 37:6 37:7 37:11 37:12 37:13 38:1 38:3 38:5 38:11 60:23 83:23 84:3 84:23 84:24 85:1 85:6 86:8 86:12 108:8 113:1 114:12 154:19 158:1 luck 153:24 luckily 109:12 lwco 101:6
<hr/> L <hr/>				<hr/> M <hr/>
labor 1:1 2:4 3:16 4:6 5:22 9:15 9:18 15:24 18:14 18:17 154:12 landing 2:5 5:23 128:2 landscape 115:15 lanny 4:2 8:25 52:17 large 127:14 132:3 132:4 163:21 larger 127:22				ma 132:23 machine 35:3 163:9 made 27:1 28:5 30:17 33:17 69:22 86:6 139:17 146:25 160:10 madison 4:1 8:24 75:14 75:20 75:22 75:22 75:23 magnetrol 37:19 mail 138:16

<p>main 55:22</p> <p>maintain 53:15 53:21 135:7</p> <p>maintaining 53:11 55:13</p> <p>maintains 108:16</p> <p>maintenance 29:24 155:6</p> <p>make 10:3 12:4 12:22 13:10 14:14 14:24 19:4 24:17 25:24 26:3 29:23 33:18 34:12 41:18 41:22 46:20 48:16 48:17 49:5 50:11 58:16 60:22 68:24 69:9 70:10 71:5 72:21 73:1 73:4 73:10 75:8 86:14 86:22 89:12 91:10 91:21 92:19 93:22 108:22 109:23 109:24 110:12 110:17 121:14 124:19 127:21 150:8 153:5</p> <p>makes 46:18 79:16 155:11 155:14</p> <p>making 40:12 40:13 110:21 128:12 135:12</p> <p>management 96:16</p> <p>manager 8:22 9:11 76:14 76:18 77:13 79:10 80:7 80:10 81:25 82:3 95:24 96:14 108:21</p> <p>mandate 160:5</p> <p>mandated 40:16 160:12</p> <p>mandates 160:11</p> <p>mandatory 69:1 155:8 155:22</p> <p>manned 92:25</p> <p>manning 96:2</p> <p>manpower 42:23</p> <p>manual 22:10 23:9 24:9 24:15 25:6 27:14 27:19 27:24 28:11 28:19 30:14</p>	<p>35:12 35:14 38:1 38:6 38:8 41:4 41:19 41:23 46:17 46:19 46:20 48:2 48:14 49:18 50:7 56:4 58:4 58:23 63:8 68:11 68:13 68:15 69:3 69:10 69:17 72:22 73:1 73:5 74:18 75:9 76:17 79:6 82:22 84:7 92:3 93:8 97:20 101:1 101:18 108:23 109:23 119:18 122:14 124:1 124:9 144:20 159:23 159:25 160:6</p> <p>manually 58:5</p> <p>manuals 20:10 25:15 25:19 41:15 41:17 102:1</p> <p>manufacturers 14:16</p> <p>manufacturing 11:8 11:13 15:14 119:13</p> <p>many 40:9 130:10</p> <p>march 1:11 2:2 6:4</p> <p>mark 3:9 8:4</p> <p>marked 13:24</p> <p>marketing 128:8 135:21</p> <p>marking 60:8</p> <p>match 46:22 87:8 123:9</p> <p>matches 73:11</p> <p>matter 57:24</p> <p>matters 17:25 47:14</p> <p>mawp 87:24</p> <p>maximum 82:17</p> <p>maxwell 126:19 128:4 131:24</p> <p>may 11:4 40:13 52:13 55:4 67:24 68:1 68:2 81:21 92:9 102:15 103:3 103:16 106:5 123:3 123:25 129:8 135:12 136:23 143:12 146:17</p>	<p>150:16 150:19 151:15</p> <p>maybe 24:17 49:14 62:9 67:8 151:18</p> <p>mcdonnell 37:15 37:18 37:20</p> <p>me 16:22 33:17 43:3 44:10 52:9 54:24 55:2 56:11 58:24 59:17 70:10 71:4 71:5 81:22 86:1 86:3 102:18 110:12 110:17 113:1 118:3 118:4 134:4 145:22 154:24</p> <p>mean 31:20 36:6 38:8 42:12 42:13 42:18 43:11 44:6 44:7 45:2 45:16 45:21 46:7 46:15 60:13 71:10 89:11 109:20 114:6 123:9 130:1 134:10 136:12 145:13 145:19 145:25 147:20 147:24 158:18 158:22 159:13 162:9</p> <p>meant 32:23 101:11</p> <p>measurable 15:22</p> <p>measures 16:1</p> <p>mechanic 53:20 64:10</p> <p>mechanical 3:6 3:14 11:1 39:17 39:24</p> <p>mechanically 37:22</p> <p>mechanisms 137:15</p> <p>medical 3:24 4:2 8:22 9:1 51:2 52:18 55:18 95:1 95:9</p> <p>meet 136:9</p> <p>meeting 5:2 5:21 6:5 6:6 6:19 10:5 16:3 50:2 50:12 95:5 127:2 129:8 130:22 130:25 131:6 132:20 133:22 134:10 135:12 145:6 152:2 152:10 154:9 154:10</p>	<p>162:20</p> <p>meetings 40:10 127:11 127:16 134:23 150:1</p> <p>member 7:20 7:22 7:24 8:1 11:17 11:24 18:10 21:8</p> <p>members 12:3 12:15 14:6 20:16 29:20 79:5 81:12 134:11 137:8</p> <p>memorandum 161:11</p> <p>memorial 3:20 3:22 8:14 8:18 17:19 21:23 22:4 22:16 48:2</p> <p>memphis 129:23</p> <p>mention 139:17</p> <p>mentioned 35:25 43:20 61:7 86:13</p> <p>merge 161:17</p> <p>merits 13:1</p> <p>messing 13:1</p> <p>met 109:11 122:23 122:25</p> <p>metal 156:9</p> <p>metrics 137:21</p> <p>michigan 11:4</p> <p>middle 145:4</p> <p>midtown 3:18 9:11 105:9 105:14 109:19 111:20 111:23 111:23 112:24 115:24 117:11 119:7 122:2 122:5 122:19</p> <p>might 42:6 43:13 78:4 121:17 148:10</p> <p>millennium 126:20</p> <p>miller 37:15 37:18 37:20</p> <p>million 116:22 159:6</p> <p>mind 12:3 42:7</p> <p>mine 69:14</p> <p>minimum 121:23 158:18</p> <p>minute 6:9 6:13 10:19 28:9 28:14 28:18 41:12 42:5</p>	<p>66:1 75:2 75:11 93:10 94:20 118:5</p> <p>minutes 12:11 22:25 23:12 28:5 28:22 28:24 41:6 42:2 42:5 43:3 48:8 152:2</p> <p>misdemeanor 19:21</p> <p>missing 123:25</p> <p>mistake 31:15</p> <p>model 66:16</p> <p>modification 26:13</p> <p>modulate 56:14</p> <p>moment 17:1 17:5 141:13</p> <p>monday 126:23</p> <p>money 20:13 142:20 146:21 150:22</p> <p>moneys 151:18</p> <p>monitor 36:17 41:7 41:11 91:2 93:14 106:5</p> <p>monitored 27:2</p> <p>monitoring 23:18 23:19 31:7 36:17 62:8 62:16 72:11 73:2 92:25 95:22 96:6 96:6 96:10 96:11 96:12 103:24 106:3 106:16 120:21 121:2 121:3 121:7 121:19 124:1 159:24 160:2</p> <p>monitors 43:10 109:4 122:17</p> <p>month 17:8 119:15</p> <p>months 133:13 143:4 143:14</p> <p>more 11:23 12:22 13:6 14:6 14:7 23:4 39:9 39:12 43:18 47:14 82:4 86:10 94:9 99:25 104:18 106:7 106:8 114:10 114:11 115:4 115:15 116:3 116:4 119:4 128:19 146:17 152:21 154:5 158:15 159:17 161:6 162:7</p>
--	--	--	--	--

morelock 1:12 3:3 6:2 6:23 6:25 7:8 7:21 7:21 8:8 9:20 12:1 14:11 16:12 17:9 17:23 18:2 18:4 18:6 19:4 21:20 22:1 22:6 22:9 22:18 22:23 23:1 23:6 23:13 23:23 24:3 24:6 24:12 24:24 25:3 25:5 25:10 26:1 26:7 26:11 26:15 26:23 28:20 29:1 29:3 29:7 29:22 30:1 30:7 30:12 32:12 32:18 32:21 32:24 33:2 33:5 33:7 33:12 34:15 35:4 35:11 36:19 36:23 36:25 37:2 39:9 39:12 39:25 40:24 41:2 42:10 42:15 42:17 42:20 42:24 43:2 43:16 43:19 44:23 45:4 46:3 46:5 46:24 47:8 47:13 47:18 47:21 47:25 48:4 48:6 48:11 48:16 48:19 48:22 49:1 49:4 49:7 49:12 49:16 49:22 50:13 50:17 50:23 50:25 51:8 51:11 51:15 51:19 51:23 52:2 52:5 52:7 52:10 52:12 52:19 52:23 53:24 54:3 54:7 54:9 54:12 55:9 55:11 55:15 55:22 55:24 56:2 58:19 59:2 62:11 62:15 62:21 62:24 63:4 63:10 63:21 65:5 66:25 67:4 67:8 67:10 67:15 68:4 68:7 68:19 68:22 69:5 69:8 69:13 69:20 70:2 70:5 70:9 70:12 70:16	70:19 70:22 71:1 71:4 71:14 71:17 71:20 71:22 71:25 72:3 72:9 72:16 72:21 72:24 73:13 73:18 73:21 73:24 74:5 74:11 74:13 74:23 74:25 75:4 75:7 75:13 76:7 76:20 76:23 77:1 77:15 77:18 77:22 78:2 78:7 78:11 80:22 80:24 81:20 81:23 82:7 83:7 83:11 83:14 83:16 86:5 86:16 86:20 86:25 87:4 87:11 87:14 87:18 87:20 87:23 88:3 88:5 88:9 88:12 88:15 88:17 88:20 88:22 88:25 89:5 89:7 89:10 89:14 89:17 89:19 89:23 90:1 90:4 90:7 90:19 90:21 91:1 91:8 91:12 91:17 91:21 91:25 92:13 92:16 92:18 92:22 93:7 93:17 93:19 94:2 94:4 94:8 94:14 94:18 94:23 95:10 96:18 96:22 96:24 97:1 97:5 97:13 97:17 97:23 98:1 98:3 98:5 98:8 100:12 100:16 101:15 101:17 102:5 102:14 102:20 102:23 103:1 103:3 103:8 103:14 103:18 103:22 104:10 104:15 104:17 104:24 105:3 105:10 106:13 106:18 106:21 106:24 107:1 108:14 108:19 108:22 109:3 109:7 109:10 109:22	110:2 110:5 111:1 111:8 111:12 111:14 111:19 112:16 112:19 112:21 113:21 115:3 118:18 122:13 122:22 123:2 123:8 123:15 123:17 123:21 124:10 124:13 124:18 125:4 125:9 125:12 125:19 125:22 125:25 128:23 130:18 131:3 131:12 131:15 131:18 131:21 132:9 133:3 133:9 133:12 133:16 133:18 133:20 134:7 134:15 134:17 134:19 134:22 135:10 135:13 135:18 135:22 135:25 136:4 136:7 136:15 136:18 137:13 137:25 138:2 138:4 138:12 139:5 139:9 139:13 139:19 142:11 142:14 142:18 142:22 143:3 143:8 143:16 143:21 144:11 144:14 144:17 145:1 145:18 145:21 145:24 146:20 146:22 147:16 147:19 147:22 147:24 148:7 148:13 148:16 148:19 148:22 149:14 149:25 150:6 150:12 150:20 150:24 151:5 151:9 151:13 151:21 151:24 152:3 152:8 153:4 153:9 153:16 153:22 154:5 154:16 155:16	156:24 157:2 157:10 157:13 157:17 157:19 158:3 158:7 158:9 158:11 158:24 159:11 159:21 161:9 161:18 162:18 morning 6:2 10:21 21:2 75:17 127:3 most 55:17 64:9 64:17 65:2 69:14 119:9 132:12 motion 6:20 23:24 24:7 46:12 47:2 54:2 54:4 54:6 54:7 54:8 54:13 73:15 73:19 78:8 78:9 93:20 94:7 96:19 96:20 104:11 104:12 106:22 106:23 110:6 110:8 110:13 110:17 110:19 110:21 112:16 112:18 125:5 125:10 motors 11:21 mountain 55:18 move 15:17 17:11 126:1 162:4 moved 6:22 125:7 movement 77:24 moving 7:10 48:13 78:6 126:13 138:12 141:11 141:25 162:24 mr 6:24 7:5 7:7 7:17 7:19 7:23 8:4 8:6 8:10 8:11 8:13 8:15 8:17 8:19 8:21 8:23 8:25 9:2 9:4 9:8 9:10 9:12 9:17 14:10 16:11 16:17 17:21 19:3 21:19 21:25 22:4 22:7 22:14 22:21 22:24 23:2 23:7 23:14 24:2 24:10 24:11 24:13 24:19 24:20 24:21 24:25 25:4	25:8 25:9 25:11 25:23 26:6 26:10 26:13 26:16 26:19 26:20 26:22 26:24 26:25 27:17 27:19 27:21 27:22 27:23 27:25 28:1 28:2 28:4 28:8 28:10 28:11 28:13 28:15 28:16 28:17 28:21 28:25 29:2 29:6 29:8 29:12 29:13 29:15 29:16 29:18 29:19 29:23 30:3 30:6 30:11 30:17 31:3 31:4 31:16 31:24 32:1 32:4 32:6 32:7 32:8 32:9 32:10 32:11 32:17 32:20 32:22 32:25 33:3 33:6 33:8 33:10 33:11 33:13 33:15 33:16 33:21 33:24 33:25 34:2 34:4 34:5 34:7 34:11 34:16 34:18 34:19 34:20 34:21 34:22 34:24 34:25 35:1 35:2 35:5 35:7 35:9 35:10 35:16 35:18 35:19 35:20 35:22 35:23 35:24 35:25 36:2 36:3 36:7 36:15 36:16 36:21 36:24 37:1 37:4 37:5 37:6 37:10 37:11 37:13 37:17 37:20 37:25 38:7 38:13 38:22 39:3 39:4 39:5 39:11 39:14 39:18 39:19 39:22 39:23 40:1 40:2 40:5 40:6 40:18 40:20 40:21 40:23 40:25 41:1 42:8 42:12 42:16 42:18 42:21 42:25 43:1 43:6 43:15 43:18 43:20 43:23 43:24 44:3 44:5 44:6 44:9 44:13
---	--	---	--	--

44:15 44:16 44:17	62:19 62:22 62:25	83:10 83:12 83:13	101:21 101:23	116:21 116:23
44:19 44:20 44:21	63:1 63:2 63:5	83:15 83:17 83:19	101:25 102:1 102:3	116:24 116:25
45:1 45:3 45:6 45:7	63:11 63:13 63:22	83:21 83:22 83:24	102:8 102:11	117:3 117:5 117:6
45:9 45:10 45:12	63:22 63:24 64:1	83:25 84:5 84:7	102:12 102:13	117:7 117:8 117:10
45:15 45:18 45:20	64:3 64:5 64:6 64:8	84:8 84:9 84:11	102:16 102:18	117:14 117:15
45:21 45:25 46:2	64:20 64:22 64:23	84:12 84:14 84:15	102:21 102:25	117:17 117:18
46:4 46:23 47:6	64:25 65:1 65:4	84:17 84:18 84:19	103:2 103:7 103:13	117:19 117:21
47:7 47:11 47:12	65:7 65:14 65:15	84:24 84:25 85:1	103:17 103:21	117:22 117:25
47:17 47:17 47:19	65:19 65:22 65:23	85:3 85:7 85:8	104:3 104:7 104:9	118:1 118:2 118:7
47:24 48:1 48:5	66:3 66:4 66:8 66:9	85:10 85:11 85:12	104:12 104:16	118:8 118:9 118:11
48:10 48:15 48:18	66:10 66:12 66:13	85:13 85:15 85:16	104:21 104:22	118:15 118:17
48:21 48:23 49:3	66:22 67:2 67:7	85:17 85:18 85:19	105:2 105:6 105:8	118:19 119:2
49:6 49:11 49:14	67:9 67:14 67:17	85:20 85:21 85:22	105:13 106:7 106:8	119:23 119:24
49:17 49:20 49:21	67:22 67:23 67:24	85:23 86:3 86:6	106:9 106:11	120:1 120:2 120:10
50:10 50:16 50:22	68:3 68:5 68:8	86:9 86:10 86:14	106:14 106:19	120:14 120:15
50:24 51:6 51:9	68:17 68:21 69:4	86:17 86:18 86:22	106:23 106:25	120:18 120:19
51:12 51:16 51:21	69:6 69:12 69:19	89:1 90:5 90:5 90:8	107:4 107:4 107:7	120:22 120:23
52:1 52:4 52:6 52:9	69:24 70:15 70:18	90:11 90:12 90:13	107:8 107:9 107:10	120:24 121:2 121:4
52:11 52:13 52:14	70:21 70:25 71:3	90:14 90:15 90:16	107:13 107:14	121:5 121:6 121:9
52:16 52:17 52:20	71:11 71:15 71:18	90:20 90:25 91:5	107:16 107:19	121:11 121:12
52:22 52:25 53:1	71:21 71:24 72:2	91:9 91:13 91:15	107:21 107:22	121:21 122:8 122:9
54:2 54:6 54:8	72:5 72:8 72:12	91:16 91:20 91:24	107:23 108:1 108:2	122:18 122:23
54:11 54:16 54:16	72:19 72:23 73:12	92:7 92:8 92:15	108:4 108:6 108:7	123:6 123:13
54:18 54:19 54:22	73:17 73:19 74:2	92:17 92:21 92:24	108:9 108:12	123:16 123:20
55:7 55:10 55:12	74:3 74:8 74:12	93:2 93:3 93:5 93:6	108:17 108:20	123:25 124:3 124:4
55:21 55:23 56:1	74:15 74:17 74:19	93:11 93:12 93:18	108:24 109:5 109:8	124:7 124:11
56:3 56:11 56:12	74:20 74:22 74:24	93:22 93:24 93:25	109:11 110:1 110:4	124:14 124:15
56:13 56:15 56:16	75:1 75:5 75:6	94:1 94:3 94:6	110:8 110:10	124:16 124:20
56:19 56:20 56:22	75:12 75:17 75:19	94:11 94:12 94:17	110:14 110:19	124:21 124:24
57:5 57:7 57:8	75:21 76:9 76:22	95:3 95:11 96:20	110:22 111:5	125:3 125:11
57:10 57:11 57:13	76:25 77:3 77:16	96:23 97:3 97:6	111:11 111:13	125:16 125:17
57:14 57:16 57:17	77:20 77:23 77:24	97:9 97:11 97:16	111:15 111:17	125:21 125:24
57:19 57:20 57:22	77:25 78:3 78:9	97:21 97:24 98:2	111:22 112:18	128:25 129:19
57:25 58:1 58:8	78:10 78:13 78:14	98:4 98:7 98:10	112:20 112:24	129:23 129:25
58:10 58:11 58:12	78:17 78:19 78:20	98:12 98:13 98:15	113:3 113:5 113:7	130:5 130:9 130:12
58:15 58:15 58:20	78:21 78:22 78:25	98:17 98:19 98:20	113:8 113:9 113:11	130:15 130:20
58:22 58:23 59:1	79:1 79:3 79:9	98:21 98:25 99:3	113:13 113:15	130:24 131:4 131:5
59:6 59:8 59:9	79:12 79:13 79:14	99:5 99:6 99:8	113:16 113:22	131:8 131:9 131:11
59:14 59:16 59:19	79:16 79:17 79:19	99:10 99:11 99:13	113:23 114:1 114:2	131:14 131:17
59:21 59:22 59:24	79:20 79:23 79:24	99:14 99:15 99:19	114:3 114:5 114:8	131:20 131:23
59:25 60:2 60:5	80:1 80:3 80:4 80:5	99:20 99:22 100:1	114:12 114:14	132:10 132:17
60:7 60:10 60:11	80:6 80:9 80:10	100:2 100:5 100:6	114:15 114:16	132:23 133:1 133:6
60:12 60:14 60:21	80:12 80:13 80:14	100:8 100:10	114:17 114:19	133:7 134:1 134:4
60:24 60:25 61:2	80:18 80:19 80:20	100:11 100:14	114:20 114:23	134:14 134:21
61:4 61:5 61:6 61:7	80:23 80:25 81:3	100:17 100:19	114:24 115:2 115:4	136:3 136:6 137:5
61:9 61:11 61:12	81:4 81:5 81:7 81:8	100:21 100:22	115:7 115:9 115:10	137:21 138:21
61:13 61:16 61:21	81:10 81:14 81:15	100:23 100:24	115:12 115:17	139:17 139:23
61:22 61:24 61:25	81:17 81:18 81:22	101:2 101:5 101:7	115:18 115:21	140:5 140:8 140:9
62:1 62:3 62:4 62:6	82:6 82:9 82:10	101:8 101:10	115:23 115:24	140:12 140:15
62:7 62:10 62:13	82:15 82:16 82:24	101:14 101:16	116:1 116:10	140:18 140:19
62:14 62:16 62:18	82:25 83:2 83:6	101:19 101:20	116:13 116:20	140:20 140:22

140:23 141:3 141:17 141:21 142:5 142:5 142:6 142:7 142:12 142:15 142:19 142:23 142:24 142:25 143:5 143:7 143:9 143:10 143:11 143:19 143:20 144:10 144:13 144:16 144:22 144:23 144:24 145:2 145:20 145:22 145:25 146:6 146:7 146:21 147:13 147:21 148:6 148:9 148:14 148:18 148:21 149:11 149:20 150:4 150:10 150:14 150:14 150:21 152:7 152:10 152:20 152:21 153:3 153:7 153:10 153:17 153:23 154:14 154:17 154:18 154:21 154:22 155:1 155:3 155:4 155:8 155:10 155:12 155:13 155:14 155:17 155:19 155:20 155:21 155:23 156:4 156:21 156:25 157:3 157:4 157:5 157:12 157:16 157:18 157:20 157:24 157:25 158:10 158:13 158:14 158:17 158:19 159:2 159:4 159:5 159:9 159:10 159:12 159:13 159:15 159:16 159:19 160:7 160:9 160:20 161:2 161:3 161:10 162:15 162:16 ms 7:15 8:2 9:6 9:14	10:22 17:21 17:24 18:3 18:5 18:7 21:18 96:25 126:4 127:19 127:20 129:2 129:21 129:24 130:1 130:6 130:11 130:13 130:16 130:19 130:23 130:25 131:10 132:1 132:15 132:18 132:24 133:5 133:8 133:10 133:15 133:17 133:19 133:22 134:3 134:8 134:16 134:18 134:20 135:8 135:11 135:17 135:20 135:23 136:14 136:17 137:1 138:11 139:1 139:6 139:11 139:16 140:1 140:7 140:10 140:14 140:16 141:14 141:18 147:21 154:3 mtsu 10:15 much 39:5 74:9 90:22 92:10 106:15 127:22 135:1 142:20 156:17 must 117:1 my 10:23 11:2 11:17 27:13 53:25 54:23 56:5 64:13 66:8 72:9 79:15 83:18 98:25 103:22 109:25 110:2 111:15 118:3 124:1 141:3 146:23 147:13 151:2 163:8 163:12 163:22 myself 118:10 <hr/> N <hr/> name 6:10 6:15 6:15 10:20 10:23 17:15 41:21 46:10 126:4 159:1 named 39:20	nameplate 19:19 nashville 2:6 5:24 11:15 95:13 111:24 117:3 126:18 national 13:14 20:18 26:21 61:13 61:17 62:2 127:8 128:14 129:6 135:4 137:7 137:8 137:22 138:5 138:19 139:20 140:4 141:1 143:17 143:24 144:2 144:8 145:10 146:9 146:11 146:23 146:25 147:4 147:6 153:14 156:22 161:5 161:19 nationalboard 138:6 nationally 129:10 natural 9:23 107:11 naturally 83:19 nbic 156:6 157:3 157:5 157:9 necessarily 92:1 99:18 124:11 necessary 15:2 151:12 need 6:20 21:4 21:7 22:12 25:19 41:5 41:8 48:13 49:18 49:25 50:4 50:20 60:15 68:17 73:15 74:13 75:10 76:16 78:8 93:20 97:3 113:20 123:13 134:12 134:24 135:3 139:3 140:3 141:11 141:25 144:3 needed 29:5 60:19 72:1 needing 79:18 needs 12:6 30:12 45:25 64:20 148:4 neighboring 131:21 never 118:15 120:22 136:7 161:14 161:17 neville 3:15 3:15 9:8 9:8 9:8 75:17 75:18	75:18 75:21 76:9 76:22 76:25 77:3 77:16 77:20 77:23 77:25 78:3 78:17 78:20 78:22 79:1 79:9 79:13 79:16 79:19 79:23 80:1 80:4 80:6 80:10 80:13 80:18 80:20 81:3 81:5 81:8 81:14 81:17 82:6 82:9 82:15 82:24 83:6 83:12 83:21 83:24 84:8 84:11 84:17 85:10 85:12 85:13 85:16 86:9 86:14 86:17 90:11 90:13 90:15 90:25 91:5 91:9 91:13 91:16 91:20 92:7 93:2 94:17 95:3 95:11 97:21 97:24 98:2 98:4 98:7 98:12 98:15 98:19 98:21 99:5 99:10 99:13 99:15 99:20 100:1 100:11 100:19 100:23 101:20 101:23 102:1 102:11 102:13 102:18 103:2 103:7 103:13 103:17 103:21 104:7 105:2 105:6 105:7 105:7 105:13 106:8 106:11 106:14 106:19 107:4 107:7 107:9 111:22 113:13 113:16 113:22 114:1 114:3 114:8 114:14 114:16 117:15 117:17 123:13 123:16 124:7 124:11 124:14 124:21 125:3 125:24 new 5:9 5:18 13:2 13:13 13:14 15:3 16:13 17:12 17:13 19:8 23:14 25:19	31:8 31:25 32:14 38:9 43:8 51:16 51:18 51:24 52:2 52:20 53:4 53:16 64:7 64:11 64:19 65:6 76:17 76:18 77:9 92:14 95:7 97:20 98:6 105:14 111:23 119:10 126:1 137:19 137:19 138:13 news 102:18 128:24 next 5:21 17:8 34:17 35:5 35:7 51:2 65:7 65:16 66:13 75:13 94:25 105:4 111:19 118:3 127:16 132:14 133:23 134:6 154:9 162:4 nfpa 157:12 159:8 159:9 nice 100:12 115:2 120:18 127:14 128:2 136:3 136:4 146:4 night 127:1 nine 29:23 94:21 101:11 non 155:8 none 5:20 7:2 16:7 16:8 17:11 22:13 52:24 104:19 110:6 111:3 112:23 154:8 nor 57:18 68:15 163:14 163:16 normal 29:21 29:24 30:9 42:1 44:1 44:10 44:14 44:25 108:4 normally 56:22 notary 163:6 163:21 notation 60:22 note 60:19 61:9 68:24 82:22 160:10 noted 12:7 nothing 129:15 notice 40:2 142:10 notification 42:3 50:6 144:17 notified 48:24 58:7
--	--	--	--	---

143:17 notion 93:22 now 10:18 11:14 24:7 45:12 48:12 51:4 54:14 57:5 59:3 61:18 61:19 61:25 64:17 69:1 71:5 72:12 73:15 74:9 76:15 78:5 101:10 106:5 109:15 114:10 126:8 126:13 127:10 129:2 132:1 133:14 135:1 140:1 140:4 141:11 141:14 143:25 146:3 146:13 149:5 153:20 154:7 160:5 161:20 162:13 162:14 number 11:9 16:18 16:21 16:24 61:14 61:14 61:17 61:23 62:4 65:16 68:18 70:14 82:12 90:9 98:14 122:10 124:5 numbers 23:21 26:21 50:9 66:16 68:12 90:1 nuts 49:8 nutshell 20:5	office 5:23 office 4:6 9:7 9:15 9:18 10:13 13:22 14:3 16:9 16:16 23:19 25:17 108:21 officer 91:2 96:11 120:20 121:13 121:18 officers 103:25 112:10 122:10 122:20 officially 25:18 often 106:7 106:8 107:14 ohio 146:14 oil 107:12 old 5:7 12:12 12:13 16:13 140:21 140:23 141:5 once 30:8 30:24 46:24 61:1 61:2 61:4 65:24 66:6 74:17 84:1 107:17 118:6 118:14 135:14 156:2 156:3 158:15 158:17 one 12:20 13:9 13:9 13:10 14:6 17:17 28:18 29:14 29:19 30:9 30:15 31:19 33:17 33:19 34:23 36:3 37:2 37:8 37:23 37:23 38:1 38:2 39:15 43:18 51:9 51:10 51:21 52:3 53:14 54:13 55:1 55:2 56:8 57:3 57:11 58:10 60:13 61:14 62:11 64:10 64:18 68:1 71:11 76:12 76:21 83:22 85:25 90:5 92:10 95:3 95:7 97:15 102:3 102:4 102:9 109:13 113:12 114:17 120:12 120:20 121:14 121:23 122:6 123:14 126:21 135:4 136:8 137:8	137:9 141:2 145:5 145:11 146:12 147:10 148:3 149:17 150:14 155:25 156:19 156:25 160:9 160:20 161:10 161:16 ones 67:2 79:21 95:5 ongoing 10:18 online 49:25 138:7 open 5:16 17:6 18:13 24:8 53:25 78:12 97:14 107:2 126:2 129:11 129:14 130:2 131:6 131:7 150:1 152:10 160:24 opened 152:11 opening 14:8 17:7 51:4 54:14 opens 120:5 operate 19:18 20:24 22:20 31:1 31:10 42:5 53:22 56:24 75:2 75:10 93:9 95:16 105:16 111:25 operated 19:12 75:25 operates 95:15 105:15 operating 19:16 28:9 40:4 46:20 53:13 55:13 56:17 75:23 87:7 87:25 91:23 96:6 104:4 118:5 118:6 operation 14:19 15:8 19:14 29:25 57:3 108:5 operational 29:10 operations 8:22 11:18 76:15 76:19 77:13 79:10 80:8 80:11 82:1 82:4 82:23 95:25 96:8 96:14 96:15 98:24 99:17 114:25 operator 30:16 36:11 41:5 42:13 43:6	43:22 44:12 45:16 70:3 78:20 79:4 90:24 92:4 119:10 119:11 120:25 121:8 158:19 operators 31:17 31:23 41:25 43:10 44:1 45:5 45:13 45:22 62:19 69:16 96:3 103:15 105:24 105:25 109:6 109:9 119:7 122:16 122:21 opportunity 14:6 150:2 opposed 7:8 47:8 74:5 94:14 104:24 111:8 125:19 order 5:2 6:6 54:1 124:23 org 138:6 organization 51:14 144:1 organizational 41:19 46:6 69:16 69:18 123:10 123:22 organizations 18:18 orientation 32:15 others 83:8 ours 68:5 153:13 out 10:14 10:16 18:8 18:21 19:7 21:4 32:2 34:14 38:18 42:22 44:25 45:1 54:19 63:18 71:23 90:19 107:15 113:24 120:9 128:18 129:1 134:24 135:15 135:24 138:5 138:7 140:19 141:24 142:10 142:13 143:1 149:22 150:8 153:19 159:17 161:11 161:19 162:10 outcome 15:21 15:22 output 56:9 57:9 57:15 116:12 outside 9:25	over 13:6 24:15 38:2 38:4 38:6 66:1 66:16 72:7 79:11 88:13 88:17 92:11 95:11 95:23 116:9 116:15 131:24 136:24 145:14 146:13 156:6 156:6 156:15 157:3 159:7 overdue 153:3 153:4 overlooked 62:9 overpowering 57:21 overpressure 59:5 87:15 89:2 89:21 overview 22:19 106:15 own 161:22 161:23 owner 3:5 18:17 18:18 21:9 owners 14:16
<hr/> O <hr/> objective 84:2 85:9 observed 94:22 observer 147:3 obstacles 151:7 obviously 23:8 87:2 158:14 158:16 occurs 136:24 october 17:4 133:1 146:24 153:13 off 12:10 27:16 30:25 33:18 33:19 36:5 38:25 42:5 57:24 70:14 86:12 86:12 141:23 150:18 offense 19:19 19:21 offenses 20:3 offer 138:8				<hr/> P <hr/> packett 100:4 page 25:2 27:1 28:5 29:9 29:23 30:17 31:2 33:13 34:13 34:14 34:16 34:19 35:13 39:15 41:3 41:24 43:5 44:3 44:5 46:7 59:14 59:18 59:20 59:22 60:5 61:14 62:10 65:16 66:15 68:13 68:14 68:14 68:15 68:18 69:15 69:20 69:22 70:2 70:10 70:13 70:13 70:14 70:17 76:9 76:12 76:21 77:11 79:9 81:23 82:12 86:23 90:22 96:7 96:13 97:17 98:11 98:13 99:3 99:6 99:9 100:17 101:11 104:4 107:5 117:10 118:20 123:2 123:21 124:5 124:8 124:22 pages 102:7 paid 117:23 146:15

151:18 panel 33:22 35:5 35:8 36:1 36:5 36:9 38:16 38:24 paper 19:6 paperwork 55:1 paragraph 31:5 32:14 39:15 parenthetical 44:25 parking 132:6 132:7 parks 9:25 parkway 1:24 part 40:9 40:12 40:13 40:18 97:20 108:25 143:22 144:15 152:1 152:13 155:24 160:14 160:17 particular 82:11 particularly 154:19 parties 163:14 parts 115:13 117:19 146:15 160:16 160:18 pass 66:18 66:19 66:19 66:21 66:21 67:12 67:19 67:19 67:21 67:21 68:2 68:6 109:18 passed 12:17 12:18 13:22 21:8 60:4 95:6 149:23 162:2 162:4 password 72:17 72:19 past 26:2 129:4 129:17 130:8 131:15 144:5 pay 153:7 pbs 69:21 70:1 70:5 70:23 pbx 58:5 62:17 65:24 69:16 69:22 70:3 70:6 70:19 72:12 72:15 78:19 78:20 79:3 95:21 96:3 103:8 105:22 105:24 pearl 127:12 132:2 penal 19:20	people 20:23 31:23 46:8 53:21 63:12 72:14 85:24 85:24 88:10 88:13 129:12 136:9 146:14 146:14 146:15 146:19 149:20 155:24 per 19:22 60:5 154:20 157:14 158:2 158:5 158:5 158:7 158:8 percent 88:12 88:17 116:7 116:19 perform 84:2 121:14 performed 17:2 59:12 60:25 113:9 160:4 161:12 performing 131:24 perhaps 127:5 127:16 134:10 151:16 period 30:18 30:21 31:8 31:12 31:14 31:24 59:11 116:16 permit 72:10 person 21:11 30:19 30:24 65:2 121:23 personalities 120:16 personnel 9:23 36:17 41:17 64:7 65:9 65:12 73:2 76:11 76:13 97:7 121:19 131:1 161:7 persons 126:15 130:4 132:21 134:16 perspective 19:23 pertaining 99:18 157:25 peters 4:2 8:25 8:25 51:6 51:9 51:12 51:16 51:21 52:1 52:4 52:6 52:9 52:11 52:13 52:17 52:17 52:20 52:25 53:1 54:16 54:18 54:22 55:10 55:12 55:21 55:23 56:1 56:15 56:19 56:22	57:7 57:10 57:13 57:16 57:19 57:22 58:1 58:10 58:12 58:22 59:1 59:8 59:14 59:22 59:25 60:2 60:7 60:11 60:14 60:24 61:2 61:5 61:9 61:12 61:16 61:22 61:25 62:3 62:6 62:10 62:13 62:16 62:19 62:22 63:1 63:13 63:22 63:24 64:3 64:8 64:22 64:25 65:4 65:14 65:19 65:23 66:4 66:9 66:12 66:22 67:2 67:7 67:9 67:14 67:17 67:22 67:24 68:3 68:5 68:17 68:21 69:4 69:6 69:12 69:19 69:24 70:15 70:18 70:21 70:25 71:11 71:15 71:18 71:21 71:24 72:2 72:8 72:12 72:19 72:23 73:12 74:8 74:12 74:15 74:19 74:22 74:24 75:12 ph 3:6 phil 3:24 8:21 95:23 97:6 98:23 phone 23:21 50:8 physical 132:13 pick 34:14 136:12 picked 101:5 107:8 piece 108:25 pieces 87:9 pins 107:24 piping 161:21 162:5 162:8 162:13 pitting 137:16 placard 34:22 34:25 35:2 place 9:24 13:9 13:10 13:10 63:25 141:5 151:7 placed 56:8 plan 29:4 45:8 82:3	106:15 112:5 117:22 155:6 planner 126:12 plans 116:10 plant 8:21 11:7 11:19 22:5 76:14 76:18 77:3 77:13 79:10 80:8 80:10 81:25 82:3 95:24 96:8 96:14 96:15 98:11 99:1 99:23 105:23 106:1 106:2 108:17 109:8 112:12 112:13 118:10 118:16 118:20 119:10 119:15 120:3 120:5 120:25 121:8 122:15 122:19 155:25 156:1 157:7 please 6:10 6:13 17:14 26:20 35:24 60:21 85:15 96:21 plus 116:2 130:14 pmb 1:24 point 12:4 48:3 48:23 78:3 86:7 89:11 129:9 135:12 154:24 160:20 161:11 policy 5:4 political 148:14 population 131:9 position 17:6 18:11 18:13 77:6 148:10 160:24 positions 112:14 positive 15:17 15:18 15:22 60:22 85:14 86:7 158:2 possible 18:5 post 11:3 20:21 41:11 93:9 posted 34:17 141:15 posting 140:2 potable 95:18 105:19 112:2 potential 40:10 pounds 57:23 83:1 108:6	power 106:1 106:2 112:12 112:13 118:20 120:3 120:5 122:15 122:19 practice 119:19 155:2 practices 115:5 predominantly 120:13 preferably 31:19 preference 138:25 prepared 141:12 142:1 prepares 143:1 present 6:9 6:11 12:19 16:15 17:14 20:8 22:3 22:10 41:8 134:9 134:11 154:2 presented 12:4 13:21 95:6 presenters 128:8 128:13 128:14 128:14 128:25 129:9 129:12 presenting 76:17 150:1 pressing 34:10 47:14 pressure 13:4 13:5 13:7 13:8 14:20 15:3 15:9 15:13 16:1 18:19 19:9 19:18 20:17 21:7 21:10 21:11 21:14 21:15 27:5 27:8 27:15 27:24 40:22 56:9 57:1 75:24 76:1 82:17 82:18 83:1 83:4 87:2 87:7 91:11 95:15 105:16 105:18 108:5 111:25 112:2 136:10 137:15 156:10 156:12 156:18 161:24 pressures 27:1 161:25 presumption 56:4 pretty 20:9 24:16 39:5 46:6 92:10
---	--	---	--	---

103:10 106:14 116:11 116:13 135:1 prevent 72:10 preventative 155:6 previous 95:4 98:2 previously 78:16 78:17 95:9 primarily 68:24 primary 38:3 85:8 printed 19:6 prior 111:15 119:12 priority 121:25 122:5 probably 98:23 124:22 139:3 146:8 161:5 162:11 problem 41:10 83:3 109:21 145:20 procedure 35:15 41:25 145:7 145:15 procedures 118:20 137:14 proceed 22:13 52:25 73:16 75:16 93:21 93:23 105:12 110:7 125:6 proceeded 11:12 proceedings 1:8 2:7 162:25 163:9 process 5:18 10:18 55:6 75:10 109:12 109:17 114:25 119:13 138:14 138:18 141:22 143:16 143:21 143:22 144:15 145:12 148:20 149:2 149:4 149:7 149:8 149:21 150:2 152:23 162:5 162:6 162:13 program 50:21 98:23 99:16 100:13 116:6 116:14 117:2 145:8 161:23 162:3 promotes 15:19 promulgate 18:25 proper 156:9 162:2 properly 6:15	proposal 12:20 proposed 48:9 105:21 149:8 proposing 86:23 protected 72:18 72:20 protection 59:5 protocol 40:17 proud 20:25 prove 69:10 provide 17:25 43:7 131:2 132:16 133:24 135:5 138:24 140:24 143:25 144:2 149:18 152:24 154:3 provided 13:23 14:1 43:8 132:25 138:13 138:15 provides 15:1 16:3 16:16 46:14 79:4 79:8 81:1 81:10 providing 15:8 79:21 79:25 82:8 psi 27:8 57:9 57:15 82:20 87:2 public 15:15 15:19 131:8 149:13 149:22 152:23 163:7 163:21 published 25:17 25:18 purpose 12:21 13:20 56:7 pursue 11:10 put 10:20 13:8 19:2 19:23 23:11 23:18 26:8 28:18 31:20 43:13 82:1 98:22 100:17 146:22 162:7 puts 37:7 37:8 putting 103:11 156:16	qualified 64:9 71:7 71:9 72:4 118:23 118:25 quarter 16:18 quarterly 16:3 question 7:3 14:13 14:24 15:5 15:10 15:16 15:20 15:20 17:22 18:7 22:12 27:13 33:17 38:12 47:3 47:24 48:21 49:20 49:23 51:4 58:15 59:3 65:8 66:15 74:1 79:2 94:10 97:4 97:15 99:1 103:23 104:19 107:11 108:15 111:4 119:3 125:14 154:15 questioned 118:9 questions 14:4 14:5 14:8 16:6 17:10 21:17 24:8 47:1 49:12 49:13 51:1 54:15 63:3 73:15 73:25 77:16 92:23 93:20 94:9 95:5 96:16 98:9 104:18 106:20 107:3 108:15 111:2 112:14 117:9 125:5 125:13 136:1 138:9 162:16 162:17 quick 10:3 34:14 35:21 135:15 quickly 20:4 134:24 quiet 14:12 quiets 34:2 quite 43:25 quo 141:5 141:11	16:14 17:11 18:14 18:23 19:5 19:5 19:23 20:2 20:6 20:9 20:11 20:13 21:20 23:9 23:11 23:20 25:1 28:6 28:8 30:7 31:9 31:9 31:13 36:13 37:14 37:15 40:4 41:1 42:6 42:19 46:21 47:13 50:11 50:21 51:4 56:23 58:12 58:25 64:17 67:15 69:9 70:22 73:8 73:9 75:23 79:20 80:2 80:18 80:20 80:21 84:20 87:7 87:8 89:17 89:18 89:20 89:24 90:23 91:25 93:8 95:1 95:21 102:2 102:6 103:11 104:4 108:20 109:21 114:10 114:24 115:7 115:9 115:12 115:13 116:2 116:3 116:5 117:12 118:4 118:12 119:16 120:16 122:3 123:18 123:23 124:25 126:8 127:16 127:21 128:18 128:21 129:3 129:10 129:14 130:16 130:21 130:21 132:1 132:20 133:5 133:8 133:17 134:5 138:4 139:2 140:5 143:13 145:3 145:15 145:16 145:25 146:2 147:5 147:5 147:6 149:2 149:4 149:5 150:1 151:6 151:12 152:8 153:20 156:8 156:16 156:17 156:21 157:7 159:13 160:14 reached 10:14 36:8 read 18:21 26:5 71:6	138:6 138:24 139:1 reader 13:19 reading 23:11 92:1 102:6 readings 22:25 23:3 23:10 ready 16:9 48:14 94:24 110:24 144:20 real 34:13 35:20 realize 54:20 60:15 reappointment 10:5 reason 41:11 132:11 reasons 145:5 recall 61:18 100:18 receipt 65:17 receive 92:5 received 39:16 recent 55:17 65:11 recently 141:6 160:10 reception 126:25 127:5 receptions 127:25 recess 94:22 recommend 136:8 recommendation 66:10 152:19 157:21 160:13 recommendations 48:7 48:9 128:13 159:5 recommended 155:2 recommending 89:16 89:19 record 6:15 12:7 28:7 48:9 92:20 134:5 recorded 163:8 records 53:12 55:16 55:17 108:16 reduce 116:18 reducing 23:3 reestablishment 126:16 refer 76:5 119:21 141:19 reference 25:20 29:24 68:15 68:18 79:10 82:12 82:13
	Q	R		
	qc 17:2 145:8 qualification 119:1 qualifications 73:2	raise 151:23 ramifications 19:17 range 119:8 119:10 rapidly 136:12 rate 116:7 118:12 ratios 120:6 re 6:3 6:11 6:13 10:7 10:15 13:1 13:21		

124:6	12:21 25:12 25:16	requirement 40:7	rhone 3:12 9:6 9:6	104:17 104:19
references 13:18	152:12	61:8 154:23 157:15	126:4 126:5 127:20	104:25 105:3
25:6 68:11 68:13	reorganize 13:8	157:23 157:23	129:2 129:21	106:21 107:2 110:6
68:16 68:25	repair 18:18 160:22	requirements 11:24	129:24 130:1 130:6	111:1 111:3 111:9
referring 37:15 80:2	161:7	13:5 13:6 13:16	130:11 130:13	113:2 113:4 114:8
81:6 156:22	repairers 14:17	14:16 15:8 19:13	130:16 130:19	114:10 116:1 119:2
reflect 62:2	repairing 20:22	109:1 137:18	130:23 130:25	121:9 123:8 124:25
refreshing 64:1	repairs 14:20 107:24	151:12 162:8	131:10 132:1	125:12 125:20
regarding 77:17	137:17	researching 126:12	132:15 132:18	126:8 129:2 132:1
112:15 113:13	replaced 53:6 53:6	reset 27:14 27:19	132:24 133:5 133:8	132:15 133:15
126:9 128:13 129:9	68:1	27:24 38:1 38:4	133:10 133:15	134:8 134:15
133:23 140:17	replied 149:1	38:6 38:9 38:15	133:17 133:19	134:17 134:19
regional 131:18	replies 14:4	resource 138:7	133:22 134:3 134:8	136:1 140:4 140:7
157:14	reply 14:7 14:15 15:1	resources 115:5	134:16 134:18	140:10 142:18
registered 20:1	15:6 15:11 15:17	responds 107:24	134:20 135:8	143:5 145:5 145:24
registration 128:8	15:22 16:5	response 14:23 68:13	135:11 135:17	147:17 148:18
134:23	report 5:6 12:10 16:3	141:19	135:20 135:23	149:5 153:25
regressing 24:21	16:15 17:8 17:10	responsibilities	136:14 136:17	154:11 155:9
regulations 15:25	45:7 128:20 139:11	18:10 77:9 120:4	137:1 138:11 139:1	155:10 156:23
relative 163:14	reporter 6:14 7:12	responsibility 144:19	139:6 139:11	156:24 158:24
relief 87:24 87:25	7:13 17:16 158:25	responsible 64:6	139:16 140:1 140:7	159:9 160:5 161:20
rely 120:12	159:3 163:7	64:23 79:6 96:2	140:10 140:14	162:13 162:14
remember 42:3	reporting 1:23	118:21	140:16 141:14	162:19
142:8	represent 20:16 21:9	restart 58:4 58:5	141:18 154:3	rise 27:6
remind 17:13	21:9	restroom 93:16	richard 3:14 8:10	risk 119:14
remote 23:18 31:7	representation	resubmit 48:2	rick 102:9	robert 3:21 8:15 22:7
36:11 36:16 38:24	142:17	resubmitted 49:19	right 6:18 7:2 9:20	24:13 54:1
41:7 41:10 43:9	representative 3:4	result 50:11	10:18 11:15 12:1	robinson 3:4 6:24
58:6 62:7 62:13	3:5 3:6 140:25	resume 94:20	16:12 18:6 21:21	7:7 7:19 7:19 14:10
62:16 65:18 65:21	150:18	review 17:2 49:5	22:12 23:1 23:23	19:3 24:2 24:10
72:11 73:2 77:5	representatives	50:21 104:14	24:6 25:5 25:8	24:13 24:20 24:25
77:7 77:10 77:21	21:22 132:21	110:23 141:8 141:9	28:21 32:17 33:11	25:4 25:8 25:11
78:6 91:3 92:3	represented 144:7	142:8 143:18	35:5 35:7 38:16	25:23 26:6 26:10
92:25 96:2 100:20	representing 18:14	143:25 144:4 144:9	38:18 44:20 47:1	26:13 26:16 26:20
100:25 105:21	represents 18:12	146:3 146:17 147:1	47:2 48:15 50:25	26:25 27:19 27:25
105:24 109:4 112:6	18:17	152:23 153:11	51:1 52:23 53:24	28:4 28:13 28:21
112:10 121:3 121:6	reputation 18:20	153:15 162:12	54:14 55:23 57:16	29:8 29:13 29:16
122:17 124:1	request 17:20 20:8	reviewed 46:17 56:3	60:2 62:21 64:17	29:19 29:23 30:3
159:24 160:1	22:3 24:14 26:8	56:4 69:3	69:6 70:10 70:11	30:17 31:4 31:24
remove 25:24 28:22	51:5 68:11 75:22	reviewing 18:24	70:19 70:21 71:1	32:4 32:7 32:9
44:21	77:1 95:12 96:17	reviews 5:18 138:14	71:5 73:13 73:24	32:11 32:17 32:20
renewal 50:5 50:19	105:13 111:22	139:18 139:21	74:25 75:16 78:5	32:22 32:25 33:3
51:5 51:13 55:19	152:14	139:21 139:24	78:7 80:4 83:12	33:6 33:8 33:13
56:5 75:21 95:2	requested 13:23	140:1 140:3 140:17	84:17 85:7 86:2	33:16 34:2 34:5
95:2 97:19 97:22	requesting 51:3 95:2	142:4 149:7	87:4 87:10 87:11	34:11 34:22 34:25
renewals 25:20	111:20	revised 49:18	87:13 87:25 88:16	35:2 35:7 35:10
renewed 51:24 52:8	requests 105:5	revision 24:22	90:2 90:15 91:24	35:18 35:22 35:24
94:16	require 135:6	revisions 77:19 97:18	93:17 94:18 94:23	36:16 36:24 37:5
renumbering 24:23	required 14:21 31:6	97:18 97:19 97:21	94:25 96:24 97:13	39:11 40:1 42:8
reorganization 12:14	106:3 137:11	reword 44:18	100:1 101:11	42:25 43:6 47:7
			102:14 104:11	49:20 52:22 54:2

54:6 54:8 54:16 54:19 55:7 56:3 56:13 56:16 56:20 57:5 57:8 57:11 57:14 57:17 57:20 57:25 58:8 58:11 58:15 58:20 58:23 59:6 59:9 59:16 59:19 59:21 60:5 60:10 60:12 60:21 60:25 61:4 61:6 61:11 61:13 61:21 61:24 62:1 62:4 62:7 62:14 62:18 62:25 63:2 63:5 63:11 63:22 64:1 64:5 71:3 72:5 73:17 73:19 74:2 77:24 78:9 78:13 83:19 83:22 83:25 84:7 84:14 84:19 84:25 85:3 85:8 85:11 85:15 85:17 85:19 85:21 85:23 86:18 90:5 90:8 90:12 90:14 90:16 90:20 93:24 94:1 94:6 94:12 96:20 97:16 99:3 99:6 100:17 100:21 101:2 101:7 101:10 101:16 101:19 101:21 101:25 102:3 102:8 102:12 102:16 102:21 102:25 104:12 106:23 107:4 107:8 107:10 107:14 107:19 107:22 108:1 108:4 108:7 108:12 110:8 110:10 110:14 110:19 110:22 111:5 111:11 111:13 111:17 112:18 112:24 113:5 113:8 113:11 113:15 113:23 114:2 114:5 114:12 114:15 114:19 114:23 115:2 115:7	115:10 115:17 115:21 115:24 116:10 116:20 116:23 116:25 117:5 117:8 119:23 120:1 120:18 125:11 125:16 128:25 129:19 129:23 129:25 130:5 130:9 130:12 130:15 130:20 130:24 131:4 131:8 132:10 132:17 132:23 133:1 133:7 134:1 134:4 134:14 134:21 136:3 137:21 140:19 140:23 142:5 142:7 142:12 142:15 142:19 142:23 142:25 143:5 143:10 143:19 144:23 154:18 154:21 155:1 155:4 155:10 155:14 155:17 155:20 156:4 156:25 157:3 157:5 157:16 157:18 157:24 158:17 159:5 159:10 159:12 159:15 159:19 160:20 161:3 161:10 162:16 room 2:5 22:16 36:13 36:13 66:9 77:7 78:15 79:7 79:22 80:14 80:16 80:16 93:1 95:20 96:11 101:1 112:7 127:12 127:14 127:16 127:18 127:20 127:22 127:23 132:3 132:3 132:4 154:11 rosa 9:25 rotate 122:11 roughly 20:1 rounds 121:14 row 143:15 rubber 20:11	rule 5:20 12:15 12:21 12:23 13:1 13:11 13:14 13:16 13:17 13:25 14:14 14:15 14:24 15:1 15:6 15:11 15:16 15:17 20:9 25:7 25:12 25:13 25:13 25:20 25:22 26:5 28:6 41:12 42:5 75:2 75:11 93:10 118:5 154:8 rulemaking 148:17 rules 1:10 2:3 5:21 6:5 16:4 18:25 19:1 19:17 24:23 25:25 49:24 54:1 127:2 152:12 run 83:1 running 56:23 58:2 160:25 <hr/> S <hr/> safe 9:24 15:8 19:13 safety 9:21 10:1 14:15 15:19 20:14 57:18 58:2 58:8 82:19 82:19 84:3 87:6 87:9 said 13:21 49:14 53:14 54:25 55:12 59:22 63:19 69:25 70:1 72:6 72:25 86:7 132:19 136:1 141:14 145:7 149:1 150:21 153:13 155:21 162:10 163:10 saint 3:18 9:10 105:4 105:8 105:14 105:14 106:1 111:20 117:11 sam 3:7 7:17 16:15 129:5 137:1 137:4 same 13:7 23:16 31:11 31:18 45:13 53:5 83:4 88:21 90:8 92:10 109:4 122:14 122:19 129:4 129:17	144:18 144:21 147:5 153:21 sample 29:9 sanders 3:20 8:13 8:13 22:4 22:4 22:21 22:24 23:2 23:7 23:14 27:17 27:22 28:10 28:15 28:17 28:25 29:2 29:6 29:12 29:15 29:18 30:6 31:3 31:16 32:1 32:6 32:8 32:10 33:10 33:15 33:24 34:16 34:19 34:21 34:24 35:1 35:9 36:21 37:1 37:4 37:10 37:13 37:20 38:7 39:18 39:22 40:5 40:18 40:21 41:1 42:12 42:16 42:18 42:21 43:1 43:15 43:23 44:3 44:6 44:15 44:17 44:19 44:21 45:3 45:6 45:15 45:20 46:2 46:23 47:11 52:16 satisfies 26:9 save 116:22 saw 21:6 46:6 73:6 92:5 139:24 145:6 say 7:3 13:3 17:4 22:11 30:4 30:5 30:23 45:4 47:3 57:14 60:5 65:20 74:1 75:9 84:23 85:11 85:13 88:10 88:13 94:10 104:20 110:15 111:4 123:20 125:14 126:5 126:21 137:7 137:9 142:16 143:19 146:8 156:13 saying 25:25 28:17 31:13 44:24 58:16 81:12 81:24 83:15 84:20 99:12 114:7 143:13 says 28:24 32:14 39:16 66:18 67:16	69:21 70:5 71:7 80:25 81:10 93:8 100:4 113:24 117:11 118:20 118:22 118:23 119:5 120:4 124:5 157:5 158:4 159:23 159:25 schedule 74:21 scheduled 5:22 74:12 121:13 133:23 147:1 154:10 schedules 49:9 scheduling 48:24 142:20 school 97:8 schools 15:14 scott 3:20 8:13 22:4 24:13 76:15 76:18 seasoned 64:17 65:2 seasons 27:9 sec 11:5 second 6:23 6:24 6:25 24:5 24:7 33:25 47:2 54:10 54:11 73:22 73:23 78:10 94:5 94:6 94:8 96:22 96:23 104:16 104:18 106:24 106:25 107:2 110:25 112:19 112:20 112:21 125:10 125:11 125:13 128:1 128:2 secondary 38:5 seconding 162:24 secretary 3:11 7:16 section 13:18 20:20 24:25 59:4 62:8 sections 13:6 securing 135:9 security 9:23 58:24 91:2 91:2 92:11 96:9 96:10 103:25 112:7 112:10 120:20 121:7 121:13 121:17 121:21 122:1 122:6 122:7 122:20
---	--	---	---	---

122:24 see 10:8 10:16 13:15 27:2 27:3 27:7 28:13 29:5 39:6 40:7 43:11 46:5 46:19 48:4 49:25 57:17 57:18 62:8 69:23 70:21 71:6 71:8 73:10 81:4 84:2 84:8 84:19 84:21 85:5 87:18 92:3 92:20 97:19 101:22 102:6 104:4 112:24 114:6 115:18 116:6 119:5 123:10 136:5 138:8 139:23 144:4 144:10 144:13 150:19 152:5 153:18 156:5 156:6 seek 10:16 15:2 seeking 10:4 18:14 138:20 seemed 129:18 154:18 seen 63:8 149:6 send 50:6 135:2 139:6 139:7 139:14 142:10 142:12 142:20 sending 6:16 141:24 149:2 sense 124:19 147:13 151:2 sensitive 151:3 sensor 56:8 56:9 56:18 sent 14:4 38:23 150:8 sentence 70:20 separate 19:21 20:2 146:11 september 126:11 126:23 127:7 133:1 133:6 135:15 153:13 sergeant 122:25 serial 90:9 series 56:6 serve 10:24 11:24 48:8 92:2 105:24	128:11 served 144:7 service 10:7 119:8 services 3:19 8:12 107:24 126:12 serving 11:14 144:6 set 23:9 27:8 38:23 58:9 74:15 82:16 82:21 83:4 83:8 83:17 87:25 88:19 114:10 129:3 129:16 135:1 sets 37:22 setting 82:19 82:20 87:7 settings 87:9 settled 6:3 seven 41:4 75:25 77:11 81:24 90:22 95:17 96:8 105:17 112:1 118:20 123:3 123:21 161:15 162:11 several 11:8 19:25 shall 66:11 share 129:13 134:12 shared 3:19 8:12 sheet 6:16 52:15 58:18 58:21 59:11 64:19 85:10 87:2 101:4 104:5 108:10 113:4 113:14 113:18 113:18 sheets 114:22 shelby 129:19 129:21 shift 53:18 60:17 64:13 64:17 66:14 84:1 113:10 119:16 154:20 156:1 156:2 156:3 158:2 159:24 shifts 119:8 122:12 shirt 128:8 short 119:4 shorthand 163:9 shortly 54:22 shouldn 65:20 83:2 153:25 show 25:21 28:19 71:23 85:14 114:11 showing 12:20 13:25	86:11 shown 69:17 shows 46:6 65:9 111:17 111:18 112:6 shunt 86:11 shut 27:15 33:18 33:19 34:8 42:9 57:1 57:2 57:2 57:4 57:23 58:2 58:13 58:14 shutoff 37:24 57:22 160:17 shutoffs 23:17 27:18 shuts 34:1 34:3 36:4 36:4 shutting 86:12 side 9:25 37:14 125:23 sight 102:6 sign 52:15 signal 38:11 signed 52:14 163:18 signs 30:24 silence 34:10 36:12 silences 36:4 simpler 90:22 simplest 19:1 simulate 119:23 119:24 since 16:13 51:13 51:24 53:15 64:14 67:11 69:16 139:2 141:4 150:1 150:15 162:11 sir 19:3 28:16 29:15 30:6 33:15 34:4 35:22 36:23 36:24 39:11 43:23 47:11 49:16 59:6 61:11 62:14 62:18 68:8 80:3 85:17 86:18 86:20 92:17 97:9 101:2 101:7 101:14 102:22 102:25 108:11 110:11 113:15 114:19 114:23 123:24 136:21 142:6 154:13 154:21	158:25 159:10 159:15 159:20 sit 20:18 88:1 site 42:1 42:14 43:22 44:1 44:7 44:11 45:5 46:18 48:5 73:7 73:21 74:10 110:23 112:5 121:1 121:8 123:7 127:11 situation 42:4 89:2 121:16 121:18 six 14:4 14:5 14:8 15:20 17:2 18:10 28:5 69:15 71:9 116:15 124:6 124:8 124:22 143:3 162:11 sixteen 34:11 sixth 21:8 21:11 skill 163:8 skyline 3:24 4:1 8:22 8:24 75:14 75:20 75:22 95:1 95:9 95:12 slight 41:21 small 145:25 150:16 151:8 sneedville 70:23 software 72:17 solutions 4:3 4:4 9:3 9:5 145:3 somebody 35:13 42:22 93:13 93:14 101:22 155:25 somehow 25:1 160:23 someone 13:2 13:11 13:13 18:14 19:8 31:12 31:20 34:13 53:22 160:22 something 31:11 32:2 38:7 38:20 41:9 55:4 90:17 93:13 110:15 117:12 119:13 134:9 134:11 140:16 146:18 148:25 151:20 153:18 153:19 156:13	sometime 107:18 sometimes 41:20 73:9 122:9 somewhat 81:19 soon 133:20 134:22 135:16 sorry 16:22 17:23 44:5 48:23 57:12 59:14 69:24 70:12 86:4 sound 146:17 sounds 44:23 space 31:17 76:1 95:18 105:18 112:2 115:15 spallone 3:22 8:17 8:17 44:13 44:16 45:1 45:7 45:10 45:25 47:24 48:1 48:1 48:5 48:10 48:15 48:18 48:21 48:23 49:3 49:6 49:11 span 114:15 speak 6:14 17:15 19:5 150:9 152:20 154:7 speaker 67:11 67:18 117:16 special 101:17 126:14 130:3 specialist 106:2 112:13 specific 30:4 65:3 71:17 89:24 92:3 92:4 99:1 specifically 54:13 71:23 spending 11:9 spent 11:19 spoke 53:4 71:12 spring 107:18 staff 79:5 81:12 95:15 staffed 105:23 112:9 stamp 139:21 139:22 144:19 147:25 161:22 stamping 20:12 stand 34:14 162:22
--	--	---	--	--

standard 40:17 66:17	steam 27:3 27:11 76:1 95:17 105:18 112:2 156:18	supply 4:5 9:13 63:16 107:23 120:12	taking 23:3 23:10 23:11 63:12 115:21 129:6	16:2 16:4 18:8 18:24 19:8 19:14 21:5 21:10 21:13 21:16 75:23 95:13 111:24 127:18 127:20 129:13 136:19 136:23 138:19 143:25 144:4 147:25 148:3 163:2
standardize 114:25	step 119:22	support 152:18	talk 19:5 156:19	tentative 126:10
standardized 115:14 115:19	sterilizers 76:3 95:19 105:20 112:3	supports 15:18	talked 40:9 145:9	tentatively 126:19
standby 27:8	stick 160:24	sure 19:4 24:19 26:3 26:22 33:8 41:18 41:22 46:20 46:23 48:17 48:22 58:22 59:1 70:10 71:5 72:21 73:1 73:5 73:11 75:8 79:19 83:2 85:23 86:23 89:13 91:21 92:19 108:23 109:23 113:1 118:17 127:21 134:10 150:8 150:10 161:2	talking 20:2 21:2 134:25 150:17 159:13	term 29:14 84:22
standpoint 20:14 20:15	stickler 29:21 83:25	switch 27:15 160:17	tank 40:18	terms 41:18 48:24
star 116:15	still 11:5 18:13 42:13 42:21 56:17 65:12 85:4 128:17 144:3 144:18 162:12	switchboard 105:22 105:23 109:5 122:4 122:21	tanks 40:22	test 60:23 61:10 84:3 84:12 85:3 86:1 86:11 158:2 160:1
start 17:13 24:10 27:10 58:4 97:14	stone 1:23 7:14	surprise 119:20	task 31:2	tested 19:11 85:25 117:23 160:11 160:12
started 54:23 55:6 136:11 161:4	stop 33:25 34:2 34:9 34:10 39:1 57:18 159:6	sweet 119:4	tasked 18:23	testing 14:19 59:12 63:6 63:9 83:23 84:22 84:25 85:6 101:3 101:3 108:8 112:25 157:24
starts 65:25	stopped 39:1	switch 27:15 160:17	taught 111:16	tests 85:2 155:15 160:4
state 1:1 3:12 3:13 6:10 10:25 11:1 11:15 12:23 16:2 16:16 16:19 16:23 17:14 19:14 21:10 21:13 21:16 36:8 36:11 38:23 82:7 86:13 127:8 128:14 129:13 131:17 136:19 136:23 142:21 143:24 144:3 146:5 147:2 147:25 148:2 153:1 160:15 160:15 161:25 163:2 163:21	stops 159:5	switchboard 105:22 105:23 109:5 122:4 122:21	tax 151:17 151:18	text 30:19 30:22
statement 27:1 28:5 28:14 28:22 30:18 32:13 36:17 36:21 41:5 43:25 58:16 69:22 71:6 93:8 103:11 103:16 160:3	story 51:7	switches 27:24 37:23 159:7	team 143:24 144:2 144:6 144:6 144:8 146:12 147:3 148:2	thank 9:20 10:22 12:1 14:10 16:17 21:18 24:13 26:16 28:4 28:4 32:20 39:7 40:25 47:11 47:12 49:11 50:24 51:1 54:17 54:18 55:7 59:8 59:19 59:21 64:2 64:3 68:9 70:25 74:8 86:18 94:17 97:1 97:2 98:8 100:15 105:2 120:2 125:21 125:24 138:3 138:10 138:11 152:7 159:3 160:7 160:7 162:19
statements 43:14	strange 34:12	sync 110:9	tech 8:24 43:21 45:13 45:23 96:14	thanks 162:15
states 41:25 55:18 72:22 131:22 160:3	structure 148:14	system 31:7 38:9 38:10 38:16 38:21 38:23 40:4 58:6 61:10 63:25 66:2 72:11 82:13 89:20 109:20 120:21 121:3 121:5 162:3	technical 13:1 18:23 18:23 20:14 50:20 77:19 77:25 127:4 127:8 152:14	their 19:9 20:1 30:9 30:20 31:8 31:14 37:3 38:11 40:19 41:11 41:22 45:15
stating 140:3	study 152:18	systems 121:25 122:3 160:1 161:13 161:22 162:9 162:13	technically 42:8 46:17	
station 65:18 65:21 77:5 77:7 77:10 77:21 78:6 96:2 100:20 100:25 105:21 105:25 112:6 112:10 121:19	studying 116:16	tabbed 35:12 35:17	technician 158:20	
status 141:5 141:11	styled 2:1	table 6:7 6:10 58:17	technicians 96:9	
stay 47:14 144:21	subcommittee 132:20 135:21	take 17:17 22:24 23:4 40:4 44:24 49:7 77:17 114:6 138:24 139:1 139:3 162:2	techs 53:19 64:13 71:12 71:18	
	subcommittees 128:6 128:9	taken 66:6 93:9 138:22	telecommunications 31:6	
	submitted 10:12 16:8 50:1 61:22		tell 53:8 53:12 86:1 87:21 87:24 89:24 113:1 150:24 152:10	
	success 100:15		telling 71:5	
	successful 129:18		temperature 40:22 91:11 161:24 161:25	
	sudden 146:3 146:11 146:13 146:16		temperatures 116:7	
	sufficient 39:7 132:6 158:18		ten 94:20	
	suggest 28:23 115:21		tenant 20:9	
	suggestions 129:5 129:11 129:15 155:11 155:14		tennessee 1:1 1:25 2:3 2:6 3:12 3:13 3:16 6:4 10:6 10:25 11:1 11:15 12:14 12:23 13:2 14:14 14:21 14:21 14:25 15:4 15:9 15:11 15:13 15:19 15:23	
	suite 1:24			
	summary 36:22 80:5 80:6			
	super 40:20 120:14 131:14			
	supervisor 9:7 22:5 91:2 96:10 112:13 123:4 123:5 123:7 123:11 123:16			
	supervisors 96:4			

46:9 81:9 91:4 93:9 96:4 99:21 119:12 119:16 132:12 135:2 142:3 143:15 144:19 144:20 147:7 152:18 them 19:9 20:12 20:22 20:22 20:23 20:24 31:9 31:10 31:12 36:3 37:21 49:5 57:8 58:5 63:19 64:11 66:5 66:6 67:4 68:1 89:24 118:13 118:25 119:9 123:18 127:25 128:12 139:7 139:13 139:14 141:2 141:10 141:25 142:3 143:14 146:10 151:23 157:7 157:8 157:11 157:13 162:1 themselves 119:16 they 13:3 13:4 14:6 19:7 19:14 21:6 23:16 23:20 23:21 26:5 27:9 31:14 35:14 36:11 36:12 36:13 38:10 38:18 40:12 40:14 40:15 41:20 42:6 49:7 50:17 53:19 55:12 55:13 56:7 56:17 56:19 56:20 56:22 57:3 57:22 57:23 57:23 58:3 58:4 58:6 58:6 58:12 60:17 60:18 63:13 63:14 63:15 63:15 63:16 63:17 63:20 64:17 65:14 65:19 65:20 65:25 65:25 66:1 66:23 67:14 67:15 67:17 67:18 67:22 68:1 68:5 69:17 69:18 72:12 72:14 75:1 75:23 78:3 78:4 79:20 80:18 80:20 80:21	82:21 88:18 89:20 89:20 89:20 91:5 91:9 91:18 91:20 91:20 93:3 93:8 93:13 93:13 93:15 95:1 95:3 95:8 95:17 95:21 98:23 99:16 99:21 100:24 102:2 102:14 105:17 105:24 106:2 106:15 108:20 109:21 109:21 111:24 117:12 118:12 118:15 119:14 119:16 119:19 120:16 121:24 122:1 122:3 122:11 123:23 126:8 131:12 132:12 132:13 135:4 135:6 138:8 138:21 140:3 141:1 141:11 141:25 142:12 142:15 142:16 143:12 143:15 144:4 147:3 147:7 150:19 151:6 151:12 151:15 151:18 151:20 155:5 156:15 156:16 156:16 156:17 156:19 160:23 161:6 161:16 161:21 thing 13:12 39:14 45:14 50:6 68:9 73:6 109:13 114:18 122:19 141:3 143:6 148:17 150:15 160:9 things 24:16 50:9 56:5 103:25 128:18 133:24 137:14 137:16 137:20 145:14 147:11 151:17 155:17 think 6:3 13:13 19:20 23:10 27:2 44:17 61:19 72:25 91:18 101:11	124:16 143:18 145:12 146:6 147:10 149:25 150:16 151:14 153:13 thinking 19:23 97:22 115:7 140:19 141:4 third 32:13 39:15 57:11 113:9 146:8 thirty 59:23 59:24 60:1 60:2 62:11 thomas 3:18 9:11 105:4 105:9 105:14 105:15 106:1 111:20 117:11 thorough 20:9 109:15 thought 40:11 63:7 90:17 103:10 110:14 110:16 110:20 141:22 161:16 three 15:5 18:15 20:1 22:15 22:22 27:23 49:23 52:10 53:1 56:6 56:14 56:16 57:6 58:11 58:12 59:22 67:12 67:19 68:6 84:5 84:12 95:6 96:9 105:15 111:25 112:14 117:10 136:25 146:16 153:20 157:18 through 6:8 12:8 13:3 13:17 14:13 14:22 17:4 20:10 20:13 25:15 31:21 34:13 41:23 46:19 49:2 49:24 50:18 55:16 64:18 69:9 77:14 119:20 126:11 130:6 138:23 139:7 142:8 145:11 149:16 150:7 153:18 161:19 162:12 throughout 21:6 29:14 41:19 108:23 throw 70:14	throwing 43:3 thumb 34:13 thursday 127:7 128:4 tied 38:21 till 134:7 149:23 time 11:19 12:6 17:17 19:18 21:3 23:3 31:11 31:13 31:18 38:25 50:5 51:10 51:21 53:5 63:8 64:14 84:12 92:24 116:9 120:19 121:1 121:16 121:20 122:11 139:3 143:14 147:8 160:21 161:16 timeframe 45:11 113:20 times 13:13 40:9 84:5 91:5 113:16 121:24 146:6 timewise 162:10 timing 153:12 title 46:1 53:20 titles 41:22 46:9 50:8 96:5 tn 5:24 tn89652 90:12 today 10:1 10:11 12:4 12:19 25:6 48:20 95:24 139:2 together 56:24 102:1 told 16:16 23:8 52:9 tony 3:19 8:11 took 116:15 top 33:4 87:25 113:25 118:22 topic 10:1 150:13 tosha 2:5 total 16:19 16:20 16:21 16:24 toward 126:13 135:6 towards 130:17 134:3 train 64:10 64:12 64:16 98:24 99:16 99:21 156:16 trained 30:20 30:24 31:20 63:15 63:15	63:18 80:20 80:21 91:10 93:15 118:23 118:25 120:25 122:3 143:23 147:4 148:2 training 20:23 30:18 30:20 31:7 31:8 31:22 31:25 32:14 39:16 43:7 43:8 43:11 43:12 53:16 53:17 64:7 64:11 64:16 64:24 65:6 65:9 66:14 66:23 67:1 71:13 73:3 73:3 77:12 79:4 79:6 79:8 79:11 79:21 79:25 80:7 80:13 81:1 81:6 81:8 81:11 82:1 82:8 92:3 92:4 92:8 92:20 97:8 98:22 99:16 99:18 99:20 100:13 103:5 103:11 108:16 109:1 109:9 115:5 118:21 122:12 122:15 122:16 126:22 127:4 127:15 131:24 132:2 132:4 135:5 135:5 135:6 136:9 136:24 137:2 137:6 137:10 trainings 126:24 127:8 127:10 trains 64:19 109:3 109:6 118:25 transcript 1:8 163:10 163:10 163:11 travel 147:7 treatment 117:1 trends 137:21 tried 13:8 73:8 90:14 triennial 139:21 tripp 4:4 9:4 9:4 145:2 145:2 145:20 145:22 145:25 146:21 147:13 147:21 148:6 148:9 148:14 148:18
---	---	---	---	--

148:21 149:11 149:20 150:4 150:10 150:14 150:21 152:7 152:10 153:3 153:7 153:10 153:17 153:23 155:8 155:13 155:21 155:23 156:21 157:4 157:12 158:10 158:14 158:19 159:4 159:9 159:13 159:16 160:7 161:2 tristar 3:24 4:1 75:14 95:1 true 29:11 30:2 120:7 163:11 try 42:22 129:3 146:1 146:1 162:5 162:7 trying 45:23 53:25 87:8 113:23 114:25 143:19 tube 22:15 67:5 67:6 67:16 tubes 53:6 tuesday 126:23 127:1 tuned 107:16 tuning 107:15 120:11 turn 27:5 38:24 115:14 turned 144:20 twelve 69:25 156:1 twenty 58:10 two 12:19 14:24 17:3 23:12 28:7 31:17 31:18 31:22 33:21 36:1 37:7 37:12 37:17 37:22 39:15 51:16 53:4 56:23 57:3 57:8 65:16 66:18 66:19 66:21 67:19 67:21 68:2 75:24 95:15 96:9 113:12 114:21 116:22 122:10 137:5	type 161:13 types 121:25 typical 136:23 typo 69:21 69:25 <hr/> U <hr/> ultraviolet 66:19 unattended 93:16 unauthorized 72:10 uncorrected 17:1 under 28:9 28:12 30:13 40:3 56:4 61:10 62:22 65:12 68:10 75:2 75:11 80:5 80:6 82:10 99:1 99:14 99:17 103:5 103:19 104:3 104:5 106:16 118:4 118:5 118:19 120:3 120:3 120:4 124:1 124:2 151:25 understand 13:19 32:4 37:22 41:15 43:25 49:6 67:5 69:7 81:7 84:20 86:23 104:1 120:1 145:8 147:8 148:12 157:20 understands 26:4 understood 33:10 50:22 89:13 unexpected 27:10 unexpectedly 27:4 unfired 18:19 21:7 21:9 21:11 unfortunate 156:7 unit 1:2 13:24 14:1 15:25 19:6 46:18 47:21 48:14 49:2 50:5 50:18 61:14 62:5 73:7 73:22 74:14 90:10 116:11 138:25 139:15 140:2 152:15 152:17 universities 10:16 15:14 university 3:13 10:25 11:2 11:3 unless 45:7 70:22	72:14 129:5 unrelated 154:15 until 27:6 46:18 75:2 126:25 134:5 141:6 156:13 up 13:4 13:24 17:7 19:22 20:3 23:9 26:8 30:19 30:22 32:5 32:25 33:3 34:14 38:21 38:23 47:15 47:22 48:21 51:4 59:7 63:17 63:18 64:12 64:16 74:15 86:2 87:8 90:14 93:15 101:5 107:8 107:15 113:25 113:25 128:1 128:1 132:12 136:12 141:6 141:8 141:12 145:12 146:2 152:11 156:7 156:18 159:14 162:22 upcoming 10:13 update 5:17 48:3 62:2 73:1 76:16 85:14 100:8 100:23 126:3 126:10 updated 25:21 50:8 76:11 77:6 77:11 77:12 77:14 78:24 97:25 99:2 99:23 100:2 updates 98:6 152:12 upgrade 116:11 upon 93:23 104:13 110:23 us 9:23 9:25 14:3 16:20 16:24 17:25 19:25 20:7 20:8 22:19 23:3 23:5 44:7 50:21 63:18 65:25 68:23 69:9 95:24 108:3 111:16 135:23 138:13 138:15 138:23 138:24 147:7 153:18 use 13:11 15:13 29:14 41:18 42:23	84:22 107:11 107:12 126:12 used 11:12 28:12 99:16 119:4 129:4 140:20 146:4 user 3:5 12:22 users 14:16 18:17 18:18 21:9 using 28:7 28:12 58:25 usually 56:24 107:17 utilities 15:15 116:24 utilize 15:3 141:9 <hr/> V <hr/> vacancy 10:13 vacant 18:12 valid 19:15 valve 57:18 82:19 82:19 87:6 87:9 160:24 valves 57:18 58:9 58:17 58:25 vanderbilt 10:15 variance 17:3 17:20 20:8 22:3 22:15 22:19 23:8 23:9 23:24 24:9 24:15 26:4 26:14 28:12 30:8 40:16 41:9 46:25 47:10 47:20 51:5 51:5 51:9 51:18 52:21 53:9 53:11 53:13 54:21 54:25 55:3 55:14 55:19 68:10 74:7 75:3 75:10 76:10 80:7 81:6 94:16 94:16 95:2 95:4 95:8 96:17 97:20 99:18 103:5 103:23 105:1 105:5 105:14 106:17 109:17 111:3 111:10 111:21 111:23 125:23 139:18 139:24 158:1 160:6 variances 5:18 46:14 49:23 95:23 138:14 140:9 140:11	140:13 149:6 149:8 149:10 149:12 154:19 various 20:16 ve 13:7 13:12 13:17 13:21 13:25 16:13 21:15 23:14 23:17 26:2 26:5 40:9 41:3 46:16 47:2 48:20 50:8 51:13 51:24 53:10 53:12 56:6 56:7 56:8 57:5 63:13 64:8 65:8 67:25 68:12 69:3 69:14 69:21 70:10 72:25 72:25 73:8 92:8 95:3 100:14 101:3 109:13 109:18 109:21 113:11 116:18 116:22 119:17 122:23 125:9 128:5 129:4 130:7 131:16 136:7 138:21 142:16 143:15 144:5 144:24 145:9 146:13 146:14 146:24 152:13 155:5 155:13 160:16 venture 161:25 venue 5:17 136:9 verify 135:3 version 12:25 vessel 13:9 19:18 20:1 20:18 21:14 21:15 26:21 156:18 vessels 13:4 13:5 13:7 14:21 16:21 18:19 21:7 21:10 21:12 137:15 vi 5:7 vii 5:9 viii 5:16 violations 16:25 visit 46:19 73:7 73:21 74:10 visitors 14:12 voice 145:14 150:2 voiced 12:6
---	--	---	---	---

volunteer 128:11	38:11 38:17 60:23	69:9 74:10 74:17	22:2 22:19 25:10	work 49:1 71:25
vote 24:1 148:25	67:6 76:2 83:23	92:25 97:22 109:15	25:14 25:19 25:21	74:13 119:15
voted 138:18	84:3 84:23 84:24	115:20 119:10	30:9 36:9 38:24	133:23 144:3
voting 7:9 47:9 74:6	85:1 85:6 86:8	120:20 121:16	42:1 44:1 45:5	146:19 149:21
94:15 104:25 111:9	86:13 95:18 105:19	124:25 136:11	47:19 47:22 47:22	150:7 150:23
125:20	108:8 112:2 113:1	142:9 145:5 145:15	49:1 49:25 50:5	158:23 161:12
	114:13 117:1	148:22 149:11	51:17 57:23 58:14	162:7
	154:19 158:1 160:1	152:22 153:18	66:5 74:9 74:10	worked 11:7 160:22
W	156:8 157:6 158:22	156:8 157:6 158:22	75:1 75:16 77:5	160:23
wacker 3:14 8:10	way 19:1 25:14 34:8	whenever 30:21	77:7 87:24 95:23	workforce 1:1 2:4
wade 102:9	34:9 49:10 116:2	where 2:6 26:17	96:1 96:2 96:5 96:8	3:17 4:6 5:23 9:15
wait 65:25 149:23	140:20 141:12	28:13 29:9 35:14	96:10 96:11 96:12	9:19 15:24
waiting 77:7 78:15	145:7 146:10	39:15 63:8 68:18	100:23 105:24	working 23:5 82:17
79:7 79:22 80:14	151:22 153:21	68:25 69:10 69:10	106:2 109:9 112:9	128:18 158:20
80:16 93:1	ways 26:12	70:7 71:8 77:5 77:9	112:9 112:11	workplace 15:25
walk 93:15 158:22	weather 106:9	84:21 89:2 89:20	112:12 113:16	works 39:7 104:1
walking 19:5	106:10	95:21 100:3 100:18	113:20 117:11	155:25 155:25
wall 35:6	website 18:21 138:5	100:25 103:11	117:13 117:14	156:1
want 6:3 6:5 10:8	140:2 140:17	114:9 116:4 116:6	117:15 117:16	worried 57:20
26:3 30:14 32:5	141:16	123:18 124:5	123:13 126:18	worth 20:13
43:13 57:12 63:5	wednesday 5:22	124:16 127:15	126:19 127:11	wouldn 31:20 65:2
71:3 79:25 81:21	127:1 127:6 154:11	132:3 155:20	131:6 131:6 131:23	86:2
82:2 85:25 86:1	week 75:25 95:17	159:23	134:23 135:15	wow 116:23
88:5 91:13 92:7	105:17 112:1	whether 57:3 116:8	142:10 142:12	wrc 3:9
92:18 102:15 103:3	133:23	119:12 128:13	143:25 144:18	write 41:8 41:15
103:16 110:12	welcome 6:4 9:21	140:3 144:1 153:24	147:2 149:11	41:16 73:9
119:5 129:16 134:1	21:20 41:1 47:13	whittemore 3:19	149:20 152:5 152:7	written 63:11
137:1 138:23	47:15 54:17 128:12	8:11 8:11	152:10 152:22	wrong 70:13 145:22
138:24 144:4	138:4 152:8	who 6:11 10:11 15:2	152:23 152:25	158:22 162:1
150:16 151:7	went 13:17 63:18	15:10 19:10 20:10	153:1 153:25 154:3	wyatt 3:23 8:19 8:19
151:10 153:5	124:25 141:5 142:8	29:20 41:17 46:8	154:9	27:21 27:23 28:2
156:12 156:19	wesley 4:1 8:23	47:19 47:22 64:6	williamson 163:3	28:2 34:7 34:8
wanted 10:10 10:18	75:19	64:23 72:4 73:3	winter 107:17	49:14 49:15 49:17
14:2 14:5 14:7	west 3:18 9:11 105:4	79:5 82:7 108:15	wish 154:7	49:21 50:10 50:16
81:15 89:12 118:24	105:9 105:15 106:1	109:3 118:25	wit 2:7	50:22 50:24
126:5 145:6 150:13	108:6 109:19	120:25 122:16	within 11:22 42:2	
161:7	115:11 115:22	122:18 123:3 142:2	45:10 114:13	X
wanting 38:19 80:15	116:2 119:7 122:1	145:11 145:14	143:24 148:2	xi 5:25
warmer 27:9	122:21	147:11 154:2	161:15	
warning 33:22 33:22	whatever 25:18	whoever 146:5	won 58:4 147:3	Y
36:9 36:10 36:12	41:11 41:22 56:7	whole 66:1 123:18	wondering 38:14	y12 90:19
36:14 37:23	57:2 88:23	130:22 162:20	45:19 87:19	yeah 27:22 28:15
warrant 121:17	whatnot 23:21	why 13:19 20:6	woods 55:20	29:1 29:3 29:3
warrick 37:18	whatsoever 59:12	22:18 32:5 45:18	word 27:3 30:14 44:8	32:24 33:2 33:5
wasn 33:8 63:14 89:8	when 2:6 6:9 13:13	67:20 73:6 79:17	44:22 82:2 135:14	33:12 34:15 35:4
101:25	17:13 19:7 19:8	81:1 81:12 126:8	wording 44:8 81:2	36:19 39:5 39:7
watch 31:12 146:1	20:9 23:20 23:22	132:11 150:3	81:22	44:15 45:1 45:3
watching 146:12	25:14 25:17 30:22	153:24	words 13:19 17:16	45:20 46:2 46:3
water 37:6 37:7	38:23 40:14 41:16	will 9:23 10:4 12:4	30:23 38:3 73:10	46:5 50:13 51:19
37:11 37:12 37:13	49:18 50:4 55:6	12:7 14:12 16:8	93:1 141:8	51:19 52:16 52:18
38:1 38:3 38:5	56:3 61:20 65:23			

55:9 62:12 62:15 65:5 67:15 70:4 70:16 71:4 71:8 71:20 78:21 81:17 82:25 83:14 83:16 85:18 87:22 88:2 88:14 88:20 88:22 88:25 89:4 89:7 89:7 89:10 89:11 89:22 89:23 89:23 90:20 91:15 94:3 94:21 98:13 98:17 98:20 100:5 101:5 101:9 101:19 102:8 102:12 104:12 107:7 108:9 108:12 109:22 110:20 110:24 114:16 115:3 115:17 116:1 118:9 118:11 118:12 123:15 124:13 124:18 125:1 130:1 130:18 131:12 132:15 133:10 133:12 133:16 133:17 133:20 135:10 135:11 135:13 135:18 135:20 137:5 137:25 138:2 143:3 144:22 144:23 145:21 146:20 147:18 150:20 153:9 153:22 155:12 155:16 157:2 157:17 157:19 157:19 158:5 158:8 159:21 162:16 year 32:11 51:14 107:17 116:15 116:22 119:9 126:17 128:22 132:14 133:13 137:10 153:14 153:19 160:12 years 11:8 11:10 19:25 20:1 21:6 49:24 52:10 53:8 92:9 95:6 109:16 109:18 119:8	119:17 137:6 153:20 161:15 162:11 yesterday 52:11 yourselves 22:2 <hr/> 0 <hr/> 00 5:22 126:25 127:3 127:3 127:5 127:10 154:10 000 20:2 20:2 20:3 146:17 0089652 90:9 01 5:10 17:18 21:22 02 5:11 51:2 03 5:12 12:15 12:15 12:21 12:21 12:24 12:24 14:15 14:15 15:1 15:1 15:7 15:7 15:12 15:12 15:18 15:18 18:25 18:25 25:12 25:12 25:25 25:25 75:14 152:13 152:13 04 5:13 94:25 05 5:14 105:4 06 5:15 111:20 0800 12:15 12:21 12:24 14:15 15:1 15:7 15:12 15:18 18:25 25:12 25:25 152:13 <hr/> 1 <hr/> 10 11:4 43:5 70:13 70:13 70:17 88:12 94:20 94:21 146:17 154:7 154:12 100 57:23 101 14:22 1089 1:25 11 65:16 96:13 99:3 100:17 154:9 12 69:21 70:2 127:3 159:6 122 14:22 18:9 125 57:23 58:3 58:13 58:13 13 116:15 14 30:17 31:2 39:15	15 5:8 5:22 12:14 36:16 53:8 60:5 69:22 71:3 71:5 88:15 109:16 109:18 150 57:9 57:9 82:17 82:18 83:3 83:8 83:11 83:17 87:17 130:14 150s 57:21 15th 154:11 16 1:11 5:10 5:11 5:12 5:13 5:14 5:15 17:18 21:22 33:13 51:2 53:8 75:14 94:25 105:4 111:20 16th 2:2 17 41:24 44:5 18 66:16 19 16:25 1949 21:3 21:6 1955 21:14 1958 116:11 1965 21:8 1994 51:10 55:3 19th 126:11 163:18 1st 2:5 <hr/> 2 <hr/> 20 5:8 12:14 22:25 23:12 28:5 28:9 28:14 28:18 28:22 28:24 41:6 41:12 42:5 75:2 75:11 88:15 93:10 118:5 119:9 200 57:12 57:21 66:17 82:18 82:19 82:20 87:2 2008 126:17 2010 55:19 2011 65:10 66:24 2012 51:17 53:5 53:6 68:1 99:2 99:24 2013 55:19 2015 17:4 17:5 65:11 2016 1:11 2:2 5:22 126:9 133:9 133:11 163:18 2018 163:22	2020 1:24 209 14:22 20th 126:23 22 25:13 25:13 220 2:4 5:23 221 1:25 22b 25:24 22nd 126:11 127:7 23 61:15 234 1:24 237 16:19 238 16:24 24 23:19 43:22 53:22 59:11 64:14 75:25 93:4 95:16 105:17 111:25 114:13 121:8 247 16:20 24th 99:2 99:24 25 73:4 250s 113:12 26 73:4 92:9 260 113:12 27 73:4 28 73:4 29 73:4 <hr/> 3 <hr/> 30 42:2 42:5 43:3 59:18 59:20 117:23 119:9 126:24 126:25 127:3 127:4 127:10 146:18 300 53:2 53:3 56:24 159:14 159:18 31 62:12 32 68:13 33 68:14 34 16:25 68:14 35 68:15 124:5 159:22 36 119:9 159:22 159:25 37 159:22 160:3 37069 1:25 38 116:19 39 29:9 <hr/> 4 <hr/> 40 94:21	400 16:22 95:21 425 112:8 45 50:1 484 16:21 490 16:23 4wis 66:17 <hr/> 5 <hr/> 50 19:22 19:22 20:3 82:20 500 22:15 22:22 580 77:4 <hr/> 6 <hr/> 600 53:3 53:4 56:24 77:4 105:22 114:9 615 1:25 68 14:22 18:9 686 1:23 163:6 163:21 <hr/> 7 <hr/> 70 27:8 748 16:22 78 116:15 <hr/> 8 <hr/> 80 27:9 83:1 87:17 800 53:3 53:5 56:24 85 159:8 159:9 <hr/> 9 <hr/> 90 27:6 31:10 32:9 900 1:24 95:14 91 109:16 94 51:24 53:15 9a 101:13
---	--	---	---	--